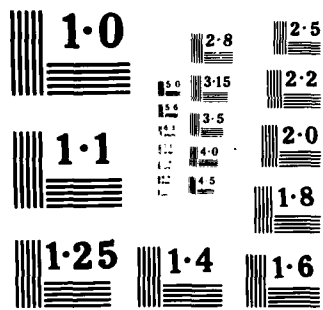


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REVISED UNIFORM SUMMARY OF  
SURFACE WEATHER OBSERVATIONS

SPARREVOHN AFS AK MSC #702350  
N 61 06 W155 35 ELEV: 1573 FT PASV  
PARTS A-F HOURS SUMMARIZED: 0000 - 2300 LST

PERIOD OF RECORD:  
HOURLY OBSERVATIONS: DEC 76 - NOV 84  
SUMMARY OF DAY DATA: MAR 53 - NOV 84

TIME CONVERSION GMT TO LST: -10

18 SEP 1985

"Approved for public release;  
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FEDERAL BUILDING  
ASHEVILLE, N. C.

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This technical report has been reviewed and is approved for publication.

FOR THE COMMANDER

*Wayne E. McCollom*

WAYNE E. MCCOLLOM

Chief, Document Research Section  
USAFETAC/LDX



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SECURITY CLASSIFICATION OF THIS PAGE

## REPORT DOCUMENTATION PAGE

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04	02		*climatology *weather Meteorological conditions	
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19. ABSTRACT (Continue on reverse if necessary and identify by block number)				
A six-part statistical data summary of surface weather observation climatology for: SPARREVOHN AFS ALASKA. Summary consists of: PART A, Weather Conditions and Atmospheric Phenomena; PART B, Precipitation; PART C, Surface Winds; PART D, Ceiling and Visibility; PART E, Psychrometric Summaries; PART F, Pressure Summaries. See USAFETAC/TN-83/001 (AD-A132186), An Aid for Using the Revised Uniform Summary of Surface Weather Observations (RUSSWOs) for complete descriptions of contents and instructions for use.				
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Do FORM 1473, 84 MAR

83 APR edition may be used until exhausted.  
All other editions are obsolete.

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18. Subject terms cont.

winds	preceipitation	temperature	visibility
barometric pressure	relative humidity		
sky cover	psychrometric data	ceiling	

Revised Uniform Summary of Surface Weather Observations  
RUSSWO

SPARRREVOHN ~~ALASKA~~

USAR 702350

The number that identifies the station in this summary is an AWS Master Station Catalog number. This number is comprised of the WMO number with the addition of a suffix zero; or, in cases where there is no designated WMO number, a 5-digit number created in agreement with WMO rules, plus a sixth qualifying digit. These numbers (also referred to as DATSAV or USAFETAC numbers) uniquely identify each of more than 15,000 reporting stations around the world. This is the provenance of the number (e.g., MSC 999999) which will appear on future OL-A standard products.

Accompanied by	
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DATE	1/3
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Date	
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## REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

### HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

### DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

### DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

#### PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA

#### PART B PRECIPITATION

SNOWFALL

SNOW DEPTH

#### PART C SURFACE WINDS

#### PART D CEILING VERSUS VISIBILITY

SKYCOVER

#### PART E DAILY MAX, MIN, & MEAN TEMP

EXTREME MAX & MIN TEMP

PSYCHROMETRIC-DRY VS WET BULB

MEAN & STD DEV  
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

#### PART F STATION PRESSURE

SEA LEVEL PRESSURE

### STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

### MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY \_\_\_\_\_

APRIL \_\_\_\_\_

JULY \_\_\_\_\_

OCTOBER \_\_\_\_\_

FEBRUARY \_\_\_\_\_

MAY \_\_\_\_\_

AUGUST \_\_\_\_\_

NOVEMBER \_\_\_\_\_

MARCH \_\_\_\_\_

JUNE \_\_\_\_\_

SEPTEMBER \_\_\_\_\_

DECEMBER \_\_\_\_\_

STATION NO OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	STATION ELEV (FT)	CALL SIGN	WMO NUMBER
702350	SPARREVOHN ALASKA AFS	N 61 06	W 155 35	1573	1573	70235

## STATION LOCATION AND INSTRUMENTATION HISTORY

NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY
			FROM	TO			STATION (FT)	TYPE BAROMETER	
1	Sparrevohn Alaska	AFS	Jul 51	Feb 64	N 61 06	W 155 35	1547	1729Ft	1st 24
2	No Change	AFS	Mar 64	Dec 70	No Change	No Change	No Change	1729Ft	No Change
3	Same	AFS	Mar 74	Jan 76	Same	Same	1573	Same	24
4	Same	AFS	Feb 76	Dec 84	Same	Same	1573	Same	24

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 51 to Feb 55	Located 30 ft to the right side at middle of Rnwy.	AN/GMQ-1	None	12Ft	
2	Mar 55 to Feb 56	Located 100 ft E of Rnwy.	No Change	None	No Chge	
3	Mar 56 to Feb 60	Located 500 ft WSW of station.	No Change	ML-240A	15Ft	
4	Mar 60 to Feb 65	Located 2500 ft SW of station, 400 ft from touchdown point of Rnwy.	AN/GMQ-11	None	13Ft	
5	Mar 65 to 11 Jan 67	Located 3960 ft SW of station, 400 ft from touchdown point of Rnwy.	No Change	None	No Chge	
6	12 Jan 67 to Feb 68	No Change	No Change	RO-2/GMQ	No Chge	

NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
7	Mar 68 to Dec 70	Located 3960 ft SW of station, 600 ft from end of Rwy.	No Change	No Change	14 Ft	
8	Dec 83	Same	Same	Same	Same	

## PART A

## WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

A percent value of ".0" in these tables indicates less than .05 percent, which is usually only one occurrence. The various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet (ice pellets) - Included are snow, snow pellets, sleet, snow grains, ice crystals, and ice pellets from Jan 68 and later. (Snow pellets also known as soft hail)

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the percentages of the observations with precip.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WBAN sources).

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Continued on Reverse

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.



## WEATHER CONDITIONS

7. STATION NAME \_\_\_\_\_ 77-94 \_\_\_\_\_ YEARS \_\_\_\_\_ JAN \_\_\_\_\_ MONTH \_\_\_\_\_

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS F.S.T.	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	1-5		1.0	.0	22.0		22.4	10.7		4.9		15.2	729
	6-10		1.0	.1	17.7		19.7	11.7		5.1		15.0	729
	11-15		1.4	.4	15.7		19.5	11.7		5.3		15.5	729
	16-20		1.0	.3	14.0		15.9	13.6		3.7		15.9	729
	21-25		1.0		14.0		15.0	9.6		4.7		15.0	729
	26-31		1.7		15.1		16.3	11.4		5.6		14.5	661
FEB	1-5		.0		16.3		16.4	10.1		6.0		15.1	651
	6-10		1.3	.1	16.3		17.4	10.5		5.6		15.9	673
	11-15												
	16-20												
	21-25												
	26-31												
TOTALS			1.4	.0	16.0		17.9	11.1		5.1		15.2	5635

## WEATHER CONDITIONS

7 E 2  
- MONTH

MONTH	HOURS OF	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
Feb - 1			.1	.1	18.0		18.7	11.2		5.5		15.0	678
" - 2			.3	.1	19.2		19.8	11.2		6.0		14.7	678
" - 3			.0	.1	18.4		19.2	13.0		5.3		16.2	678
" - 11			1.1		11.0		13.1	11.4		4.3		14.2	678
" - 14			1.0		15.0		17.3	10.3		5.6		14.2	671
" - 17			1.3		13.7		14.5	10.0		5.4		14.0	671
" - 20			1.7	.3	14.9		16.2	10.9		7.3		17.3	597
" - 21			.0		10.7		17.0	10.6		5.1		15.2	624
TOTALS			1.1	.1	15.1		17.1	11.1		5.5		15.3	5782

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## PART B PRECIPITATION, SNOWFALL & SNOW DEPTH

This part of the Uniform Summary consists of eight summaries derived from daily observations as follows:

1. The first set presents, in three tables, the percentage frequency of various daily amounts of PRECIPITATION, SNOWFALL, and SNOW DEPTH. The daily amount summary is prepared by month and annual, all years combined, and includes percent of days with measurable amounts; percent of days having none, traces, and given amounts; and means, greatest and least monthly amounts. (The last three statistics are omitted from the snow depth summary because of their doubtful and limited value.) A total count of valid observations is given for months and annual. Stations are included in which a portion or all of the period may contain months with missing days. This will be noted on the summary pages. A percent value of ".0" in these daily amount tables indicates less than .05 percent which is usually only one occurrence.
- \* 2. The second set of three tables presents the extreme daily amounts, by individual year and month, of PRECIPITATION, SNOWFALL, and SNOW DEPTH for the entire period of record available. Also provided are the means and standard deviations for each month and annual (all months) and the total valid observation count. An asterisk (\*) is printed in any year-month block when the extreme value is based on an incomplete month (at least one day missing for the month). When a month has valid observations reported but no occurrences, zeros are given in the tables as follows:

EXTREME DAILY PRECIPITATION	".00" equals none for the month (hundredths)
EXTREME DAILY SNOWFALL	".0" equals none for the month (tenths)
EXTREME DAILY SNOW DEPTH	"0" equals none for the month (whole inches)

3. The third set of two tables provides the total monthly amounts of PRECIPITATION and SNOWFALL for each year-month and annual. Also prepared are the means, standard deviations, and total number of valid observations for each month and annual (all months). An asterisk (\*) is printed in each data block if one or more days are missing for the month. No occurrences for a month are indicated in the same manner as in the extreme tables above. If a trace becomes the extreme or monthly total in any of these tables it is printed as "TRACE."

Continued on Reverse Side

\* Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH  
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XX **WEATHER CONDITIONS** XX  
XXXXXXXXXXXXXXXXXXXXXXXXXXXX  
ATMOSPHERIC PHENOMENA

7 2300  
STATION

SPARRAVOON AFB AR  
STATION NAME

53-5 60-44

YEARS

ALL  
MONTH

PERCENTAGE OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM DAILY OBSERVATIONS

MONTH	HOURS LOC	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	DAILY		2.2	1.6	49.3		51.4	35.1		17.1		45.1	625
			0.1	1.3	54.0		55.4	30.2		23.1		48.3	594
			0.8	.9	56.7		58.3	40.6		19.2		46.9	689
			10.0	1.6	50.1		60.0	40.2		15.3		44.0	757
FEB		1.1	40.3	.4	35.1	2.0	62.0	25.9		2.1		26.3	610
MAR		4.1	66.2		4.1	1.3	66.6	28.6	3.0			31.7	710
APR		3.0	60.0		.0	.0	60.0	40.3	1.3			43.3	719
MAY		1.7	71.4		2.4	.3	72.1	42.7	1.0			43.3	714
JUN		.7	59.5	.7	17.2	.7	66.7	30.4	.6	1.1		36.7	703
JUL		.1	20.1	2.9	62.1		74.3	57.1	.3	21.7		62.4	734
AUG			7.2	1.4	61.6		63.4	48.7	.1	22.0		55.5	692
SEP			0.0	2.0	63.9		64.4	49.5	.2	24.1		57.2	626
TOTALS		1.0	31.9	1.1	36.9	.4	63.7	40.5	.7	12.1		45.0	2373

## PART A

## ATMOSPHERIC PHENOMENA

This summary is a presentation of the percentage of days with occurrence of various atmospheric phenomena. These data are obtained from all recorded information on the reporting forms or from hourly data and combined into a daily observation.

The descriptions of the phenomena in the Weather Conditions Summary above also apply for the categories summarized in these daily tabulations. However, it should be noted that in this summary the columns headed "% OF OBS WITH PRECIP" and "% OF OBS WITH OBST TO VISION" show the percentage of days rather than the percentage of observations. Since more than one type of precipitation or more than one type of obstruction may occur in the same daily observation, the sum of the values in the individual categories may differ from the total columns.

A percent value of ".0" in the table indicates less than .05 percent, which is usually only one occurrence.

This presentation is by month with annual totals, and is prepared with all years combined.

- NOTES: (1) A day with rain and/or drizzle was not separately reported in the WBAN data prior to year 1949. Therefore, percentages in this column are restricted to the period Jan 1949 and later.
- (2) A day with freezing rain and/or freezing drizzle is also properly reported as a day with rain and/or drizzle.
- (3) A day with dust and/or sand is included in this summary only when visibility is reduced to less than  $\frac{5}{8}$  mile.

GENERAL CLIMATOLOGY BRANCH  
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## WEATHER CONDITIONS

702710 STATION 0048 REYKJAVIK AFS AK STATION NAME 76-84 YEARS ALL MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS OBS	THUNDER STORMS	RAIN AND DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL		1.4	.2	16.3		17.9	11.1		3.1		15.2	5635
FEB			1.1	.1	16.1		17.1	11.1		3.3		15.3	5287
MAR			1.0	.1	15.9		23.6	11.3		4.3		14.5	5922
APR			2.9	.1	21.2	.0	23.2	13.8		2.2		14.9	5760
MAY		.1	11.0		6.2	.2	16.4	7.8		.1		7.9	5952
JUN		.5	19.5		.1		19.5	7.1	.3			7.4	5745
JUL		.2	23.1				23.1	14.7	.2			14.0	5847
AUG		.2	24.0		.3		24.1	11.4	1.1			17.3	5952
SEP		.0	20.8	.6	4.4	.0	25.0	11.7		.3		11.9	5760
OCT			7.0	.3	27.1		33.8	24.0	.0	5.9		27.8	5952
NOV			2.5	.1	25.3		27.7	19.3		5.1		21.8	5678
DEC			.6	.2	26.3		27.3	15.4		8.3		21.1	5870
TOTALS		.1	9.6	.1	13.7	.0	23.0	13.2	.1	3.1		15.3	69355

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## WEATHER CONDITIONS

702350 STATION SPARREVOHN AFS AK 76-83 YEARS DEC MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS TEST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS* TO VISION	TOTAL NO. OF OBS
DEC	01-02		.4	.5	29.1		29.4	12.3		8.8		19.6	741
	03-05		.5	.4	28.7		28.7	13.4		9.5		21.1	741
	06-08		.5		28.2		28.5	15.4		7.2		20.5	741
	09-11		.3	.3	23.1		23.6	18.2		8.9		23.5	741
	12-14		.4		24.2		24.6	17.6		8.2		22.3	744
	15-17		1.2		27.1		28.2	15.8		8.1		20.6	741
	18-20		1.0		27.4		28.4	14.9		9.4		21.1	705
	21-23		.1	.4	26.4		27.0	15.2		7.1		20.3	716
TOTALS			.6	.2	26.3		27.3	15.4		8.3		21.1	5870

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# WEATHER CONDITIONS

712350 STATION SPARKEVOHN AFS AK 77-84 YEARS NOV MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
NOV	00-01		2.4		28.6		30.7	20.7		5.0		23.4	714
	02-03		2.9		27.6		29.3	20.4		7.6		24.1	714
	04-05		2.7	.3	27.1		29.1	22.6		7.1		26.1	716
	06-07		3.1	.1	22.7		24.3	20.8		4.2		21.9	713
	08-09		2.7		22.7		24.5	18.7		4.0		20.0	706
	10-11		2.1		23.0		25.0	18.1		4.0		20.8	703
	12-13		2.1		26.4		28.3	17.1		4.3		19.9	702
	14-15		2.0		28.3		30.1	15.6		4.5		18.3	710
	16-17												
	18-19												
	20-21												
	22-23												
TOTALS			2.5	.1	25.3		27.7	19.3		5.1		21.6	5678



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USAFETAC  
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## WEATHER CONDITIONS

702350 SPARKSVORN AFS AK 77-84 OCT  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
OCT	00-02		7.1	.4	24.0		32.0	22.7		6.3		27.2	744
	03-05		7.1	.5	24.9		31.6	23.8		6.9		28.6	744
	06-08		6.2		28.0		33.9	27.8		7.0		31.9	744
	09-11		6.6	.1	29.0		35.1	27.2		5.5		30.4	744
	12-14		7.1	.1	25.3		32.4	22.7	.1	5.6		26.1	744
	15-17		7.7	.4	26.8		35.9	21.2	.1	5.0		24.5	744
	18-20		6.9	.1	28.4		34.4	23.8		4.0		26.3	744
	21-23		6.9	.4	28.0		34.7	23.1		6.7		27.6	744
TOTALS			7.0	.3	27.1		33.8	24.0	.1	5.9		27.8	5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

72350 STATION SPAPREVOHN AFS AK 77-84 YEARS SEP MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
SEP	00-02		23.1	.1	3.6		26.7	9.7		.6		10.3	720
	03-05		22.6	.1	3.9		26.7	12.4		.8		13.2	720
	06-08		20.0	.1	5.0	.1	24.4	20.3		.8		20.7	720
	09-11		18.9		6.7		25.4	16.8				16.8	720
	12-14	.1	20.3		5.3		25.1	9.9				9.9	720
	15-17		19.0		4.3	.1	23.1	6.4				6.4	720
	18-20		22.2		3.2		24.6	8.5				8.5	720
	21-23		20.4		3.2		23.6	9.3				9.3	720
TOTALS		.0	20.8	.0	4.4	.0	25.0	11.7		.3		11.9	5760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

## WEATHER CONDITIONS

702350 SPARREVOEN AFS AK 77-84 AUG  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
AUG	00-05		22.4		.4		22.6	11.3	1.2			12.5	744
	06-11		27.2		.4		27.3	15.9	1.2			16.9	744
	12-17		23.0				23.0	18.7	1.3			19.5	744
	18-23		24.9				24.9	14.5	1.2			15.3	744
	24-29	.3	26.2		.1		26.2	7.9	.6			8.7	744
	30-31	.8	24.5		.4		24.6	6.5	.9			7.4	744
	01-05	.7	22.7		.4		23.1	7.4	1.2			8.6	744
	06-10		20.7		.4		21.1	8.6	1.2			9.8	744
	11-15												
	16-20												
	21-25												
	26-30												
TOTALS		.2	24.0		.3		24.1	11.4	1.1			12.3	5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

702350 STATION SPARREVOHN AFS AK 77-84 YEARS JUL MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
JUL	00-02		23.4				23.4	12.5	.1			12.6	744
	03-05		24.5				24.5	20.7				20.7	744
	06-08		27.2				27.2	22.8				22.8	744
	09-11		25.1				25.1	18.5				18.5	744
	12-14	.4	21.8				21.8	11.6				11.6	744
	15-17	.9	21.5				21.5	6.6				6.6	744
	18-20	.3	21.1				21.1	7.3				7.3	681
	21-23	.1	14.8				19.8	11.7				11.7	702
TOTALS		.4	23.1				23.1	14.0	.0			14.0	5847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

77-2350 SPARREVOHN AFS AK 77-84 JUN  
STATION STATION NAME YEARS MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	01-02		18.3				18.3	9.3	.4			9.7	720
	03-05		18.2				18.2	12.5	.4			12.9	720
	06-08		18.6		.4		19.0	10.7	.7			11.4	720
	09-11		19.6		.1		19.7	6.9				6.9	720
	12-14	.7	21.0				21.0	4.4				4.4	720
	15-17	2.2	19.9				19.9	2.4	.3			2.6	720
	18-20	.7	21.7				21.7	4.4	.4			4.8	711
	21-23		18.1				18.1	6.2	.4			6.6	714
TOTALS		.5	19.5		.1		19.5	7.1	.3			7.4	5745

GENERAL CLIMATOLOGY REPORT  
USAFETAC  
AIR WEATHER SERVICE/MAC

# WEATHER CONDITIONS

7 2700 STATION SPARHVN01 AFS AK STATION NAME 77-84 YEARS MAY MONTH

## PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
MAY	10-01		7.4		7.0		13.7	9.7				9.7	744
	13-05		8.7		0.2		15.6	13.8				13.8	744
	06-08		0.6		8.0		14.0	12.1		.4		12.5	744
	09-11	.3	9.9		6.6	.1	15.1	8.1		.1		8.2	744
	12-14	.1	14.2		4.4	.9	18.8	4.0				4.0	744
	15-17	.1	15.5		4.2	.1	18.5	3.1				3.1	744
	18-20	.3	14.5		4.6	.1	18.8	4.4				4.4	744
	21-23		11.2	.1	5.9		16.7	7.5				7.5	744
TOTALS		.1	11.0	.1	6.2	.2	16.4	7.8		.1		7.9	5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

702350 STATION SPARREVOHN AFS AK 77-84 YEARS AP? MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
APR	00-01		3.3		21.5		23.6	13.1		2.8		14.6	720
	02-03		3.1		24.7		27.5	15.4		4.2		17.2	720
	04-05		2.4		25.1		26.8	19.4		3.6		20.6	720
	06-07		2.6		22.1		23.6	17.2		3.1		17.9	720
	08-09		3.8		19.9		21.9	12.1		2.5		13.1	720
	10-11		2.4	.4	19.2	.1	20.6	11.5		1.9		12.2	720
	12-13		2.5		18.2		19.7	11.9		1.9		12.4	720
	14-15		3.2		19.2		21.5	10.8		2.2		11.0	720
	16-17												
	18-19												
	20-21												
	22-23												
TOTALS			2.9	.1	21.2	.3	23.2	13.8		2.8		14.9	5760

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## WEATHER CONDITIONS

702350 STATION SPARRSVORN AFS AK 77-84 YEARS MAR MONTH

### PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS
MAR	00-02		1.1	.1	22.7		23.8	8.7		3.4		12.1	744
	03-05		1.3		26.6		27.6	12.6		4.6		15.9	744
	06-08		.7	.3	21.9		22.6	15.3		4.4		18.5	744
	09-11		1.3		17.1		17.6	12.4		4.3		15.6	744
	12-14		.8		16.9		17.2	11.2		3.4		13.2	744
	15-17		.5		18.3		19.7	11.7		4.6		14.1	744
	18-20		1.1		16.0		17.1	9.8		4.8		12.6	726
	21-23		.8	.1	19.5		20.2	9.3		5.2		13.5	732
TOTALS			1.0	.1	19.9		20.6	11.3		4.3		14.5	5922



- NOTES: (1) The above studies may also be prepared for stations operating for less than full months for portions or all of the period of record. This may include stations operating 5 or 6 days a week and those with only random days missing. An asterisk (\*) in the data blocks will give an indication that a month is incomplete. Please refer to Station History at front of book and observation counts in each summary to evaluate the amounts of data missing.
- (2) Hail was included in snowfall occurrences in the summary of day observations prior to Jan 56, but these occurrences have been removed from snowfall category and counted as Hail in these summaries.
- (3) Snow Depth was recorded and punched at various hours during the period available from U. S. operated stations. The hours used by each service for each period are as follows:

Air Force Stations:

Beginning thru 1945	at 0800LST
Jan 46-May 57	at 1230GMT
Jun 57-present	at 1200GMT

U. S. Navy and National Weather Service (USWB)

Beginning thru Jun 52	at 0030GMT
Jul 52-May 57	at 1230GMT
Jun 57-present	at 1200GMT

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
PRECIPITATION  
(FROM DAILY OBSERVATIONS)

712350 SPARREVOHN AFS AK  
STATION

53-84  
STATION NAME

YEARS

PER MONTH	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASURABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	01.0	02.5	06.10	12.25	26.50	51.00	102.50	255.00	501.00	1002.00	OVER 20.00	MEAN			GREATEST	LEAST	
JAN	47.4	21.1	4.5	12.2	6.3	5.8	2.5	1.2						72.5	842	1.15	3.39	.03	
FEB	44.6	22.0	4.9	13.1	7.4	4.7	2.9	.5						73.5	801	.85	2.83	.06	
MAR	43.6	21.1	4.8	11.2	8.1	7.5	3.1	.5	.1					35.3	926	1.21	3.29	.01	
APR	39.5	22.1	5.1	13.9	6.9	7.9	3.3	.9	.5					38.4	937	1.48	4.82	.10	
MAY	39.5	27.3	5.5	11.8	6.2	7.4	2.9	.4						34.2	979	1.07	2.39	TRACE	
JUN	21.4	20.4	4.6	12.6	7.9	13.2	6.6	2.6	.4	.1				48.2	907	2.54	5.98	.51	
JUL	29.3	15.3	3.7	11.4	9.2	13.7	11.1	5.8	.4	.1				55.4	937	3.78	6.66	.51	
AUG	25.4	13.0	3.9	14.4	9.9	14.6	11.1	5.9	1.8					61.5	912	4.32	7.48	1.71	
SEP	31.2	14.9	5.0	12.4	8.2	14.3	8.9	3.8	.8					53.4	888	3.04	7.10	.44	
OCT	27.5	22.5	5.4	15.5	10.9	12.4	3.9	1.9	.1					50.1	903	1.87	3.81	TRACE	
NOV	35.1	24.8	6.2	13.1	7.8	8.7	3.6	.7						40.1	850	1.24	3.02	.16	
DEC	36.0	24.3	6.6	14.2	8.1	6.8	2.9	.9	.1					39.7	851	1.26	4.11	.05	
ANNUAL	35.8	20.6	5.2	13.0	8.1	9.7	5.2	2.1	.3	.0				43.5	10733	23.81			

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

## PRECIPITATION

FROM DAILY OBSERVATIONS

702750 SPARREVOHN AFS AK  
STATION STATION NAME

53-84

YEARS

### 24 HOUR AMOUNTS IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53			* .30	.10	.43	.74	1.70	1.74	.71	.10	.60*	.10	
54	.29	.57	.26	.10	.09	.25	2.77	.54	1.68	.23*	.45*	.28	2.77
55	* .39	.16	.34	.15	.14	1.04	1.27	1.05	.88	.51	.16*	1.33	* 1.33
56	* .51	.75	1.38	2.30	.45	.38	.88	1.23	.49	.65	.50*	.63	2.30
57	.81	.32	.45	.12	.22	.79	.47	.38	.67	.52	.47	.12	.81
58	.20	.08	.21	.41	.23	2.55	.91	.78	.56	.70	.16	.43	2.55
59	.62	.51	.01	.39	.36	.37	.72	1.10	.53	.63	.31	.59	1.10
60	.57	.20	.16	.56	.40	.86	.55	.35	1.14	.26	.35*	.08	1.14
61		.22	.14*	.06*	TRACE*	.34	.71	1.86	1.08*	.70*	.38	.45	
62	.43	.36	.35	.26	.19	1.43	.64	.61	.66	.28	.47	.69	1.43
63	.57	.07	.39	.50	.21	.88	.84	2.10	.31	.78	.16	.67	2.10
64	.10*	.31	.41	.98	.53	1.11*	.21						
65			* .18	.39	.25	.35*	.73			* TRACE	.44	.31	
66	.47	.28	.13	.17	.29	.32	.68	.62	.35*	.38			
67	* .03	.16	.42	1.46	.07	.54	.92	.95	.44*	.32			
68				* .30	.37			* .78	.43	.35	.10	.28	
69	.35*	.38*	.34*	.17	.14	.28	1.04	.85	.17	.21	.22	.18	1.04
70	.14*	.34*	.36	.24	.31	.27	.70	.63	1.41	.51	.51	.81	1.41
71	.24	.34	.15	.51	.19	.46	.64	1.04	.43	.58	.65	.81	1.04
72	.58	.16	.34	1.01	.57*	.37	.41*	1.14*	1.13	.45*	.17	.14	* 1.14
73	* .29*	.13	.34	.10	.46*	1.62*	1.10*	.64	.69	.51*	.40	.10	* 1.62
74	* .17	.08*	.61*	.32	.07*	.16	.83*	2.12	.54*	.54	.19	.10	* 2.12
75	.47	.38	.62	1.25	.16*	.61	.90	.58	.78	.28	.07	.56	1.25
76	.54	.14	.76	.42	.36	.22	.94	.43	.85	.36	.64	.39	.94
77	.45	.55	.34	.31	.93	.75	.49	.46	1.78	.76	.18	.48	1.78
78	.12	.47	.19	.13	.26	.41	.88	.68	.55	.19	.38	.38	.88
79	.21	.18	.54	.43	.39	.73	.50	.28	.50	.24	.28	.20	.73
80	.16	.07	.20	.07	.48	.93	.92	.71	.81	.26	.10	.02	.93
81	.53	.22	.38	.13	.31	.70	.64	1.35	.39	.71	.08	.37	1.35
82	.21	.53	1.00	.31	.59	.48	.55	1.05	.83	.65	.42	.19	1.05
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

## EXTREME VALUES

### PRECIPITATION

FROM DAILY OBSERVATIONS

SPARKVOHN AFS AK  
STATION NAME

53-84

YEARS

	MONTH												ALL MONTHS
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
93	.09	.10	.07	.33	.25	.43	.52	.75	.38	1.04	.35	.66	1.04
94	.87	.34	.22	.11	.33	.94	.71	1.06	.74	.42*	.17	-	-
MEAN	.392	.275	.377	.473	.325	.700	.848	.892	.717	.449	.325	.362	1.266
S D	.225	.187	.298	.507	.181	.489	.462	.468	.387	.228	.183	.241	.532
TOTAL OBS	842	801	926	937	979	907	937	912	888	903	850	851	10733

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

XXXXXXXXXXXX  
**EXTREME VALUES**  
XXXXXXXXXXXX  
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

702350  
STATION

SPARREVOHN AFS AK  
STATION NAME

53-84

YEARS

TOTAL MONTHLY PRECIPITATION IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53			.52	.10	.82	1.41	3.73	6.71	2.54	.36	1.49*	.65	
54	.67	.84	.90	.28	.24	.95	6.66	3.81	4.76	1.13*	1.01*	1.32	*22.57
55	*.74	1.06	1.59	.77	.34	5.51	4.10	7.48	6.31	2.24	.45*	2.04	*32.63
56	*1.56	2.83	2.71	3.52	1.20	1.42	3.47	4.64	2.27	2.68	1.78*	1.00	*28.38
57	3.39	1.34	1.37	.43	.98	2.11	1.98	2.03	2.67	2.01	1.33	.57	20.26
58	.98	.19	.75	.88	1.53	4.24	3.43	4.59	3.47	1.41	.85	1.13	23.45
59	1.34	2.53	.01	1.28	.79	.99	2.69	7.11	2.10	1.69	1.53	1.76	23.52
60	2.40	.67	.24	1.77	1.99	3.11	4.40	3.07	6.65	1.15	2.15*	.30	*27.96
61		.43	.35*	.17*	TRACE*	.51	4.88	4.75	7.10*	1.97*	1.38	1.48	
62	.23	.56	1.73	.68	.97	3.68	2.64	3.73	3.04	1.49	.86	1.33	21.56
63	1.67	.15	1.82	1.88	.71	5.98	3.57	6.91	1.30	2.40	.58	1.77	28.76
64	.20*	1.30	1.83	3.49	2.39	3.75*	.51						
65			.80	1.27	.95	1.60*	3.97		*TRACE		1.56	1.18	
66	.79	1.52	.42	.61	1.27	1.52	3.54	4.81	1.30*	1.45			
67	*.13	.72	1.74	4.82	.22	3.11	5.60	5.42	1.79*	.78			
68				1.10	1.44			*1.99	2.18	1.79	.48	.90	
69	1.11*	.53*	.45*	.39	.43	1.16	5.74	4.04	.44	1.41	1.13	.73	*17.53
70	.30*	1.34*	1.40	1.32	.62	1.92	3.64	4.22	2.46	1.95	2.77	1.85	*23.51
71	.50	1.36	.24	.99	.80	2.07	3.31	7.10	2.63	3.81	1.83	4.11	28.95
72	1.64	.35	1.43	3.40	1.13*	1.27	1.87*	3.87*	3.75	1.83*	.67	.69	*21.90
73	*.81*	.31	1.55	.51	1.35*	3.65*	4.49*	4.04	2.08	3.34*	1.95	.59	*24.67
74	*.19	.23*	1.67*	1.50	.20*	.99	3.85*	4.59	2.62*	1.74	1.16	.47	*18.71
75	2.30	1.04	2.19	3.85	.47*	2.82	6.22	2.93	4.40	1.24	.16	1.41	*29.03
76	1.58	.36	3.29	2.27	2.02	.89	3.80	2.29	1.91	1.51	3.02	2.51	25.47
77	1.57	1.41	2.42	2.13	2.26	1.89	1.87	1.92	7.03	3.42	.42	1.69	28.03
78	.32	.51	.42	.42	1.31	2.34	3.64	1.82	1.79	1.35	1.24	2.03	17.19
79	.68	.28	1.28	1.34	.50	3.21	3.08	1.71	2.11	.95	1.82	.62	17.58
80	.69	.45	.81	.13	1.16	4.54	5.45	5.43	2.61	1.19	.34	.05	22.85
81	1.12	1.05	.80	.50	1.17	3.07	4.71	4.62	2.22	1.28	.34	1.53	22.41
82	.79	.06	1.66	.68	1.44	2.15	3.53	2.62	4.55	2.11	1.35	.50	21.44
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

XXXXXXXXXXXXXXXXXXXX  
MONTHLY PRECIPITATION

FROM DAILY OBSERVATIONS

53-84

YEARS

	MONTH												All MONTHS
YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
87	.11	.32	.10	1.58	1.23	1.71	2.19	4.56	2.10	3.56	1.18	.11	18.75
84	1.80	1.00	.59	.61	1.37	1.83	2.35	4.09	1.40	1.27*	.53	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	
MEAN *	1.195	.853	1.213	1.483	1.073	2.545	3.784	4.323	3.036	1.868	1.243	1.261	22.973
S D	.875	.701	.820	1.266	.581	1.390	1.296	1.748	1.793	.874	.752	.893	3.861
TOTAL OBS	842	801	926	937	979	907	937	912	888	903	850	851	10733

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)  
JUL 84

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOWFALL  
FROM DAILY OBSERVATIONS

7 2380 SPARREVOHN AFS AK

53-84

STATION

STATION NAME

YEARS

MONTH	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO OF OBS	MONTHLY AMOUNTS INCHES		
	NONE	TRACE	1-2.4	2.5-4.9	5-7.4	7.5-9.9	10-12.4	12.5-14.9	15-17.4	17.5-19.9	20-22.4	22.5-24.9	25-27.4	27.5-29.9			MEAN	GREATEST	LEAST
JAN	49.3	20.2	12.9	1.3	2.7	2.1	1.2	1.2	.2						30.5	842	11.5	38.9	.3
FEB	45.5	22.0	12.6	12.7	3.1	1.9	1.1	.7	.2						32.5	805	9.9	28.8	TRACE
MAR	44.7	20.5	13.6	11.0	5.2	2.8	1.1	.6	.3	.2					34.6	928	13.9	41.2	.1
APR	42.5	19.8	15.4	12.4	4.4	2.2	1.3	.5	.7	.2	.1				37.6	938	14.7	54.1	1.0
MAY	67.0	17.6	7.4	4.7	2.4	.6	.1	.2							15.4	948	4.1	21.0	TRACE
JUN	94.6	2.4	1.7	.9	.2	.1	.1								3.0	919	.4	5.2	.0
JUL	99.6	.4														954	TRACE	TRACE	.0
AUG	97.8	2.0	.1	.1											.2	943	TRACE	.8	.0
SEP	91.9	11.1	3.2	2.2	.5	.4	.2	.3	.2						7.1	911	2.9	12.7	.0
OCT	74.5	21.1	16.0	15.2	5.1	1.4	1.2	1.0	.4						40.4	905	14.1	38.1	TRACE
NOV	77.1	23.3	15.5	14.4	5.1	2.0	1.2	1.3	.2						39.7	857	12.6	25.3	3.5
DEC	56.9	23.0	17.7	14.0	3.9	2.1	.8	1.2	.2	.1					40.1	851	13.1	31.7	.5
ANNUAL	61.3	15.3	9.7	8.2	2.7	1.3	.7	.6	.2	.0	.0				23.4	10841	97.1		

USAFETAC FORM 015-5 (OLA)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOWFALL

FROM DAILY OBSERVATIONS

702350  
STATION

SPARREVOHN AFS AK  
STATION NAME

53-84

YEARS

## 24 HOUR AMOUNTS IN INCHES

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
YEAR													
53			* 1.0	1.0	1.0	.0	.0	.0	TRACE	1.0	7.1*	1.5	
54	3.1	8.7	2.6	1.0	TRACE	.0	.0	.0	TRACE	3.4	3.4*	3.1	8.7
55	* 3.3	1.8	2.9	1.6	.3	2.7	TRACE	TRACE	6.1	5.0	1.1*	13.5	* 13.5
56	* 4.5	7.3	15.0	4.2	2.2	TRACE	.0	.0	.5	4.9	4.8*	6.1	15.0
57	5.0	3.2	4.5	.8	.5	.0	.0	.0	.1	1.3	4.8	1.2	5.0
58	2.0	.8	2.1	4.1	2.5	.0	.0	.0	5.6	1.3	1.6	4.3	5.6
59	6.2	5.1	.1	3.9	3.6	TRACE	.0	TRACE	1.4	7.1	3.6	6.3	7.1
60	5.3	2.2	2.0	5.6	3.3	.0	.0	TRACE	2.1	2.1	3.5*	.8	5.6
61		2.2	1.4*	.6*	TRACE*	.6	.0	.0	.8*	6.8*	3.8	3.6	
62	4.3	3.6	3.5	2.6	1.9	2.0	.0	.0	1.8	1.3	6.1	1.6	6.1
63	1.0	.7	3.6	5.6	1.5	.5	.0	.0	.0	3.9	1.6	6.7	6.7
64	1.0*	4.3	4.3	8.2	5.3	TRACE	.0	TRACE*	.0				
65			* 1.0	3.0	2.6	.3	TRACE		*TRACE		5.4	2.9	
66	4.9	3.2	5.8	1.7	1.8	.0	.0	TRACE	TRACE*	1.4			
67	* .3	1.6	4.1	17.3	.2	TRACE	.0	.0	.3*	3.2			
68			* 3.8	2.2				TRACE	3.4	2.4	1.3	2.5	
69	3.5*	3.8*	3.4*	1.7	.6	.0	.0*	TRACE	.0	2.1	2.2	1.8	* 3.8
70	1.4*	3.4*	3.6	1.8	.1	TRACE	.0	.0	.5	6.1	4.0	2.4	6.1
71	2.8	4.8	1.5	5.3	1.1	.9	.0	.1	TRACE	5.3	6.0	4.5	6.0
72	5.7	1.6	3.4	10.1	2.2*	2.0	.0*	.0*	4.3	1.7*	2.0	1.3	10.1
73	* 3.3*	1.2	3.6	1.0	2.0*	4.0*	.0*	TRACE	5.0	4.1*	3.9	1.0	5.0
74	* 2.7	.9*	7.6*	3.9	.3*	.3	.0*	.0*	.3*	1.9*	3.8	2.3	* 7.6
75	8.6	5.9	12.3	14.7	2.3*	.2*	.0	.0	TRACE	3.7	1.5	6.7	14.7
76	5.8	1.7	8.1	3.9	1.3	.1*	.0	.0	7.1	3.6	7.2	5.1	8.1
77	4.1	5.5	3.3	3.0	2.1	.0	.0	.0	7.8	5.9	2.4	4.9	7.8
78	1.2	5.0	1.9	1.3	.2	TRACE	.0	.0	.3	1.5	1.8	4.6	5.0
79	1.1	2.2	5.8	4.7	1.4	TRACE	.0	.0	.1	2.4	1.7	3.7	5.8
80	3.1	1.2	3.3	1.0	1.1	TRACE	.0	.0	1.1	3.0	1.1	.2	3.3
81	2.1	2.2	3.0	1.8	2.8	1.0	TRACE	.8	2.8	2.4	1.2	5.1	5.1
82	4.0	TRACE	3.5	3.9	1.3	.2	.0	.0	TRACE	9.5	5.1	2.3	9.5
MEAN													
S D													
TOTAL OBS													

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)



USAF ETAC FORM 0-88-5 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MONTHLY SNOWFALL

FROM DATA OBSERVATION

702350 SPARREVOHN AFS AK  
STATION STATION NAME

53-84

YEARS

## TOTAL MONTHLY SNOWFALL IN INCHES

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53			*	3.2	1.0	2.1	.0	.0	.0	TRACE	3.0	17.2*	8.7	
54		7.2	12.9	9.5	3.3	TRACE	.0	.0	.0	TRACE	8.7	10.1*	14.7	* 66.4
55	*	7.0	11.2	13.5	7.9	.5	2.9	TRACE	TRACE	6.1	23.2	3.5*	20.2	* 97.0
56	*	14.9	26.8	21.3	13.2	5.0	TRACE	.0	.0	.6	21.9	14.9*	9.9	*130.5
57		25.0	13.5	13.7	2.5	.5	.0	.0	.0	.1	3.0	12.4	5.7	76.4
58		9.8	1.9	6.9	8.8	7.1	.0	.0	.0	12.7	4.8	8.5	11.3	71.8
59		10.4	25.3	.1	11.7	5.2	TRACE	.0	TRACE	1.4	17.0	19.5	21.0	111.6
60		23.7	8.4	3.3	16.5	4.3	.0	.0	TRACE	7.6	6.3	21.5*	3.1	* 94.6
61			4.0	3.5*	1.7*	TRACE*	.9	.0	.0	.9*	16.9*	12.8	9.0	
62		8.3	5.0	17.2	6.2	6.1	3.2	.0	.0	3.7	11.3	10.2	5.1	77.0
63		2.2	1.6	17.4	20.2	3.4	1.4	.0	.0	.0	14.3	5.8	17.3	83.6
64		3.1*	16.5	18.3	34.8	21.0	TRACE	.0	TRACE*	.0				
65			*	5.7	12.2	7.2	.4	TRACE			*TRACE	14.7	11.8	
66		8.2	15.1	14.1	4.8	7.6	.0	.0	TRACE	TRACE*	5.3			
67	*	.3	7.3	15.6	44.0	.2	TRACE	.0	.0	.3*	7.3			
68				*	11.5	5.4			TRACE	7.0	15.0	6.0	8.8	
69		11.1*	5.5*	4.5*	3.9	1.1	.0	.0*	TRACE	.0	11.0	11.7	8.0	* 56.8
70		3.0*	10.4*	14.0	12.5	.2	TRACE	.0	.0	1.3	14.1	25.3	12.5	* 93.3
71		5.6	18.7	2.4	10.3	5.4	1.0	.0	.1	TRACE	36.1	17.5	31.7	130.6
72		16.9	3.5	14.3	31.9	6.3*	3.3	.0*	.0*	4.8	6.1*	7.8	5.5	*102.4
73	*	7.2*	3.2	17.5	5.0	4.5*	5.2*	.0*	TRACE	6.1	31.3*	19.5	5.8	*105.3
74	*	2.8	2.7*	20.0*	15.4	.6*	.3	.0*	.0*	.3*	9.7*	19.9	11.5	* 83.2
75		78.9	16.3	41.2	54.1	5.8*	.2*	.0	.0	TRACE	12.8	3.5	15.5	*188.3
76		14.1	3.2	33.6	22.8	2.8	.1*	.0	.0	7.1	11.1	23.7	30.5	*149.0
77		9.4	14.1	24.6	19.0	4.3	.0	.0	.0	.3	18.6	5.1	16.8	121.2
78		2.7	5.3	4.2	4.1	.2	TRACE	.0	.0	.3	8.6	1.0	21.4	56.8
79		5.2	4.0	15.6	11.3	1.5	TRACE	.0	.0	.1	3.6	12.3	14.7	68.3
80		10.5	6.9	17.0	1.9	1.5	TRACE	.0	.0	1.6	10.3	4.9	.5	55.4
81		8.5	5.7	8.4	5.7	6.7	1.0	TRACE	.8	7.4	14.8	6.1	26.9	95.0
82		14.2	TRACE	16.0	8.7	3.4	.2	.0	.0	TRACE	28.6	17.8	6.3	95.2
MEAN														
S.D.														
TOTAL OBS														

NOTE \* BASED ON LESS THAN FULL MONTHS

USAF ETAC FORM 0-88-5 (OLA)

## EXTREME VALUES

FROM DAILY OBSERVATIONS

772350 SPARREVOHN AFS AK  
STATION STATION NAME

53-24

YEARS

[illegible]

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

CLIMATE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# DAILY AMOUNTS

PERCENTAGE FREQUENCY OF  
SNOW DEPTH  
(FROM DAILY OBSERVATIONS)

702300 SPARREVOCHN AFS AK  
STATION

53-84

YEARS

STATION	AMOUNTS (INCHES)														PERCENT OF DAYS WITH MEASUR- ABLE AMTS	TOTAL NO. OF OBS	MONTHLY AMOUNTS (INCHES)	
	NONE	TRACE	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2			MEAN	RECORD
JAN	NONE	TRACE	1.4	0.5	4	3.4	2.5	3.4	3.4	4.5	6.4	6.5	1.4	1.1	2.4	27.1	956	
FEB	NONE	TRACE	1	2	3	4.6	7.2	2.4	25.36	37.45	4.6	2	2	OVER 2.1				
MAR			.7	1.0	2.2	4.2	6.7	22.5	20.7	22.1	12.6	2.2	.1		98.2	956		
APR			.3	4.4	7.6	9.2	6.8	17.1	20.6	26.0	7.7	3.3	.6		94.8	873		
MAY				2.4	6.7	6.9	5.4	16.6	29.2	19.9	6.3	2.6	2.1	1.0	97.6	990		
JUN																		
JUL																		
AUG																		
SEP																		
OCT																		
NOV																		
DEC																		
ANNUAL																		

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SNOW DEPTH

FROM DAILY OBSERVATIONS

702350 SPARREVOHN AFS AK  
STATION STATION NAME

53-84

YEARS

## DAILY SNOW DEPTH IN INCHES

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53			42	25	2	0	0	0	TRACE	3	11*	15	
54		15	17	12	2	0	0	0	0	4	5*	14	17
55	*	17	11	13	9	4	1	0	0	10	7*	17	18
56	*	11	14	17	6	2	TRACE	0	0	1	6	13	22
57		40	20	14	7	2	TRACE	0	0	TRACE	1	5	4
58		1	6	6	6	1	0	0	0	8	2	7	14
59		16	17	12	6	2	0	0	0	1	9	13	14
60		22	20	13	16	3	0	0	0	3	1	17	18
61		14	4	4	7	1	0	0	0	TRACE	9	11	9
62		6	5	22	14	4	2	0	0	1	5	9	9
63		4	1	13	14	3	TRACE	0	0	0	12	18	34
64		31	31	69	71	67	4	0	0	0	20	42	45
65		49	41	42	14	7	0	0	0	2	13	22	49
66		15	14	10	10	1	0	0	0	0	7*	17	23
67		21	30	32	50	5	0	0	0	0	6	8	11
68	*	12	21	12	19	3	0	0	0	4	9	5	7
69		12	18	16	13	0	0	0	0	0	12	7	18
70		8*	18*	16	10	4	0	0	0	TRACE	3	18	27
71		16	23	24	16	7	0	0	0	0	26	31	36
72		31	29	25	47	31*TRACE	0*	0*	4	5	4	4	47
73	*	7*	8	15	13	1*TRACE*	0*TRACE*	4	20*	31	32	32	32
74		19	11*	14*	3	TRACE*	0*	0*	0*	1	15	11	19
75		29	29	23	49	10*	0*	0	0	TRACE	5	4	15
76		16	3	16	20	3	TRACE*	0	0	5	2	11	31
77		15	16	35	44	15	0	0	0	4	6	10	13
78		9	3	3	4	0	0	0	0	TRACE	3	8	25
79		21	20	23	12	1	0	0	0	TRACE	3	9	16
80		20	23	12	3	TRACE	0	0	0	TRACE	4	6	6
81		9	7	5	6	4	0	0	0	4	5	7	25
82		33	32	9	9	TRACE	0	0	0	0	27	37	32
MEAN													
S D													
TOTAL OBS													

NOTE: \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

GENERAL CLIMATOLOGY BRANCH

USAFETAC

AIR - EARTH SERVICE / MAC

## EXTREME VALUES

SNOW DEPTH

FROM (A) OBSERVATIONS

7-2350 SPAREMCHY AFS AK

53-24

YEARS:

## DAILY SNOW DEPTH IN INCHES

YEAR	MONTH												ALL MONTHS
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	
		1	5	17	1	5	6	8	TRACE	5	7	2	17
		21	25	2	6	10	11	13	4	9*	12		
						</							

NOTE \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARDEVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63		
N	2.7	1.2	1.2	1.8	.6	.4	.1					9.0	9.3
NNE	3.2	.9	.4	.4								5.0	4.1
NE	3.4	1.6	.6	.1								5.8	3.8
NNE	1.0	.9	.3	.1								2.4	4.9
E	1.9	1.2	1.3	.1								4.6	5.2
ESE	.4	.4	.7	.1		.1						1.9	7.8
SE	.4	1.2	.4	1.0	.3	.3	.1					3.8	11.2
SSE	.3	.3	.9	.6	.1	.3						2.5	11.5
S	.6	1.9	1.0	1.5	.3	.1	.1					5.6	9.9
SSW	.9	.7	.6	.4								2.7	6.2
SW	.4	.4	.3									1.2	4.8
WSW		.1	.1									.3	6.0
W	.3	1.5										1.8	4.8
WNW	.3	.4	.7	.1								1.2	6.5
SW		.3	.6									.9	7.8
WSW			.3	.6		.7	.1					1.8	18.3
VECTABLE													
CALM	////////////////////											50.7	////
TOTAL	15.2	13.1	9.1	7.1	1.3	2.1	.6					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICEZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.5	1.3	1.0	1.5	.4	1.3					9.1	9.2
NNE	1.2	1.5	.4	.3	.1						3.5	5.8
NE	2.7	2.9	.4	.4							6.5	4.4
NNE	.9	1.5	.6	.1							3.1	5.7
E	.3	1.6	1.2	.3							3.4	7.0
ESE	.1	.4	.6		.1						1.5	7.3
SE	.3	1.0	.7	.3	.3	.1					2.8	9.4
SSE	.1	.4	.7	.3	.1	.1					1.9	10.5
S	.4	1.6	2.5	.9	.7	.1					6.3	9.7
SSW	.7	1.6	.7	.1	.1						3.4	5.6
SW	.6	.7	.6								1.9	5.5
WSW	.6	.3									.9	3.0
W	1.0	1.0	.1								2.2	3.8
WSW	.1	.3	.1								.7	4.8
NW	.1										.1	2.0
NNW	.3	.3	.7		.6	.7					2.2	15.0
VARIABLE												
CALM	////////////////////////////////////										50.3	////
TOTALS	13.4	16.7	10.2	4.3	2.7	2.5					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 678



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: FEB HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.5	1.5	2.4	.4	1.2	.4					9.4	7.8
NNE	1.6	.7	.3	.4	.1						3.2	5.4
NE	3.1	3.7	.9	.1							7.8	4.3
ENE	.9	1.8	.7								3.4	5.3
E	.7	1.6	.9		.1						3.4	6.1
ESE	.4	1.0	.7	.1							2.4	5.9
SE	.4	1.3	.9	.6	.6		.1				4.0	10.0
SSE	.3	1.0	.6	.3	.3						2.5	8.2
S	.6	1.6	1.0	1.2	.6		.1				5.2	10.2
SSW	.9	1.0	.9	.6							3.4	6.7
SW		1.0	.4								1.5	6.1
WSW	.1	.3									.4	4.0
W	.4	.3	.3								1.0	4.7
WNW	.4	.3	.4	.1							1.3	5.9
NW	.7		.3	.1							.7	7.6
NNW	.1		.3	1.0		.7	.3				2.5	17.6
VARIABLE												
CALC	////////////////////////////////////										47.8	////
TOTALS	14.0	17.3	11.1	5.2	2.9	1.5	.6				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.8	1.0	.9	1.2	1.1	.7	.3	.1	.0	.0		7.1	11.9
NNE	1.3	1.0	.6	.7	.0		.0					3.2	5.4
NE	2.8	2.6	.9	.1	.0							6.4	4.5
NNE	1.4	2.1	.7	.2	.0	.0	.0					4.4	5.4
E	.8	1.4	1.0	.4	.1	.0	.1					3.8	5.9
ESE	.2	.5	.5	.3	.1	.0	.1			.0		1.6	9.2
SE	.4	1.0	1.0	1.0	.6	.3	.2	.1	.0			4.5	12.1
SSE	.6	.9	1.0	.7	.7	.3	.1	.0	.0			4.4	11.9
S	1.0	2.0	2.1	1.0	.3	.1	.0					6.5	9.1
SSW	1.1	.9	.9	.4	.1	.0						3.4	5.4
SW	.7	.6	.4	.1								1.7	5.1
WSW	.4	.3	.1	.0	.0							.8	5.0
W	.7	.3	.2	.1	.0							1.3	4.5
WNW	.3	.3	.1	.0		.0						.7	5.0
NW	.3	.2	.2	.1	.0	.0						.9	6.9
NNW	.4	.2	.7	.4	.2	.2	.1	.1				2.0	13.8
VARIABLE													
CALM	////////////////////											47.5	////
TOTALS	13.0	15.3	10.7	6.2	3.3	1.7	.9	.4	.1	.0		100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 5635

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	1.6	1.0	.9	.9	.7	.6	.7	.1		9.6	12.4
NNE	1.5	1.5	.4	.1							3.5	4.4
NE	2.9	2.8	.4								6.2	4.0
NNE	.6	1.9	.9	.1	.1	.3					4.0	7.9
E	.6	1.2	1.3	.6	.1						3.8	7.5
ESE	.4	.1	.4	.1		.1				.1	1.5	12.0
SE		1.2	1.7	1.2	.1	.3	.1		.1		4.4	12.1
SSE	.1	.7	1.3	1.2	.9		.3	.1			4.7	13.6
S	1.0	1.8	1.5	.9	.3						5.5	7.6
SSW	1.3	1.0	.6	.1							3.1	5.0
SW	.9	.6	.3								1.8	4.0
WSW	.4	.3									.7	3.4
W	.1	.3	.4	.1							1.0	7.0
WNW	.3										.3	1.5
W	.1	.4	.3	.3	.1	.1					1.5	10.3
NNW	.4	.3	.1	.3	.1	.1	.1	.1			1.8	12.8
VARIABLE												
CALM	////////////////////										46.6	////
TOTALS	17.2	15.8	10.5	6.0	2.8	1.8	1.2	1.0	.3	.1	100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 78-84  
MONTH: JAN HOURS(IST): 1800-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	2.0	.5	1.2	1.1	1.1	.6	.2				9.1	11.6
NNE	1.4	1.4	.9	.8	.2		.2					4.8	7.4
NF	2.6	2.9	.3	.2								6.0	4.2
FNE	.6	1.7	.3	.3								2.9	5.5
E	.6	1.1	.5	.3	.2		.3					2.9	8.9
ESE	.2	.2	.6	.2			.2					1.2	10.3
SE	.5	1.1	.3		1.1	.5	.5					3.8	14.2
SSE	.3	.5	.6	.9	.6	.5		.2				3.5	14.1
S	1.1	2.9	2.0	1.4	.2	.2						7.7	7.9
SSW	1.1	.5	1.1	.5								3.1	6.6
SW	.6	.7	.2									1.1	3.9
WSW		.3	.3									.6	6.8
W	.5	.5	.2		.2							1.2	5.9
WNW	.3	.5		.2								.9	5.8
NW	.3		.2	.2		.2						.8	10.4
NNW	.3	.2	.3	.6	.2	.5	.2	.2				2.3	15.8
VARIABLE													
CALM	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	48.1	////
TOTALS	12.7	15.8	8.1	6.6	3.5	2.8	1.8	.5				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702457 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS/EST: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			GE 56
N	2.4	.5	1.1	.8	.6	1.1	.5					6.8	11.5
NNE	2.5	.6	.5	.3								3.6	4.3
NE	3.3	2.1	.9	.5								6.8	4.6
NNE	.9	2.3	1.1				.2					4.4	5.9
E	.9	1.8	.6	.3		.2	.2					3.9	7.2
ESE	.5	.3	.3	.2	.2							1.4	7.4
SE	.3	.8	.6	1.7	1.2	.3		.2				5.0	13.4
SSE	.5	.6	.8	.8	.8	.3						3.8	11.4
S	.8	1.7	2.3	1.4	.5	.2	.2					6.8	9.4
SSW	1.2	1.4	1.1	.2	.2							3.9	6.2
SW	.3	.9	.5									1.7	5.5
WSW	.2		.2	.2	.3							.8	12.2
W	.9	.3	.2	.2								1.5	4.5
WSW	.2											.2	3.0
SW	.3	.2		.3								.8	6.6
NNW	.3	.3		.3	.5	.6		.5				2.4	19.3
VARIABLE													
CALM	////////////////////////////////////											46.3	////
TOTALS	15.3	13.6	9.8	6.8	4.1	2.6	.9	.6				100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS/EST: 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.5	.1	.5	1.4	1.0	.1	.5	.1			4.1	14.9
NNE	1.0	.8	.8	.3							2.9	5.8
NF	2.5	2.3	1.4	.3							6.4	4.8
ENE	1.6	3.0	.8	.3							5.8	5.0
E	1.0	1.6	1.9	.7							5.2	6.7
ESE	.4	.5	.4	.1							1.5	6.2
SE	.4	.7	1.8	1.0	.4	.3					4.5	10.3
SSE	.7	1.4	.4	.4	.3	.5	.5				4.3	12.2
S	1.0	2.1	2.2	1.2	.4						6.9	9.5
SSW	1.0	.5	1.0	.7							3.2	6.9
SW	.5	.4	.3	.1							1.4	5.5
WSW	.8	.1	.1								1.1	3.6
W	.8	.1	.1	.1							1.2	4.6
WNW	.4	.4				.1					1.0	6.4
NW	.1	.1	.3	.1							.7	7.2
NNW	.1		.1	.4	.1		.4	.1			1.4	19.7
VARIABLE												
CALM	////////////////////										48.6	////
TOTALS	12.9	14.4	12.2	7.1	2.2	1.1	1.2	.3			100.0	4.2

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(IST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	.8	1.0	1.1	.7	.4	.1					5.2	12.9
NNE	1.0	.4	.4	.1								1.9	5.0
NE	2.6	2.3	1.2		.1							6.3	4.6
ENE	1.2	1.4	1.0	.4								4.0	6.1
E	.4	1.4	1.4	.4	.3							3.8	8.0
ESE	.1	.8	.4	.7	.1							2.2	8.9
SE	.5	1.2	1.0	.7	.8	.1	.4	.1				4.9	12.5
SSE	1.0	1.4	1.5	.8	.7	.1			.1			5.8	10.8
S	1.2	1.2	1.2	.4								4.1	6.1
SSW	1.0	1.2	1.1	.5								3.8	6.4
SW	.3	.3	.4									1.0	5.6
WSW	.3	.3										.5	3.5
W	.4	.7	.1									1.2	3.9
WNW	.4	.3	.1									.8	4.3
NW	.5	.1	.4	.1								1.2	5.4
NNW	.1	.1	.3	.7	.5	.5	.1	.1				2.6	16.6
VARIABLE													
CALM	////////////////////											50.5	////
TOTALS	12.2	14.0	11.5	6.0	3.3	1.2	.7	.3	.1			100.5	4.1

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS/ST: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.2	.7	1.2	1.4	1.6	.7					6.9	12.3
NNE	1.0	1.1			.1						2.2	4.7
NE	5.2	3.0	1.1		.1						7.4	4.5
ENE	1.8	2.5	.4								4.7	4.2
E	.8	1.6	.3	.3							3.0	5.3
ESE		.5	.8	.1			.1				1.6	9.8
SE	.7	1.0	.7	1.1	.3		.3				4.0	13.4
SSE	.4	1.0	.7	.8	.8	.1	.1				4.0	11.8
S	1.4	2.1	3.2	.5	.4		.1				7.7	7.6
SSW	1.2	.4	.8	.5							3.0	6.4
SW	1.2	.1	.5	.1							2.1	4.9
WSW	.7	.1	.1								1.0	3.7
W	.8	.4	.1								1.4	3.8
WNW	.3	.5	.3								1.1	4.9
NW	.1	.5	.1	.1							1.0	5.9
NNW	.4		.1	.1	.3						1.0	9.7
VARIABLE												
CALM	////////////////////										48.1	////
TOTAL	15.2	15.6	10.6	5.2	3.7	.8	.7				100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 729



3

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(LST): 0300-0500

TOTAL NUMBER OF OBSERVATIONS: 729

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

SURFACE WINDS

FROM DAILY OBSERVATION

702350 SPARREVOHN AFB AK  
STATION STATION NAME

69-84

YEARS

## DAILY PEAK GUSTS IN KNOTS

YEAR	MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
69											4*	6635*	5714/	59
70		26/	4618/	6414/	5912/	6335/	3516/	4616/	5220/	5417/	4217/	4720/	4619/	61 18/ 64
71		14/	5015/	5916/	8635/	4714/	44 5/	3114/	3533/	3817/	3017/	5234/	54 8/	43 16/ 66
72		33/	6435/	50 2/	40 4/	4520/	4819*	4216/	2414/	4635/	4633/	7416*	65 2*	49 33/ 74
73		16/	69 9/	4921/	3713/	6117/	44 5/	3120*	3634/	3235/	4534/	7836/	5613/	93 13/ 93
74		35/	5936/	6934/	5815/	3415/	3035/	3120/	3114*	3935/	5133/	4614/	5732/	29 36/ 69
75		35/	4319/	5114/	6915/	65 8/	3316/	3733/	2834/	3118/	4335/	3735/	4917/	82 17/ 82
76		19/	44 1/	5015/	6917/	4635/	3035/	3415/	3014/	29 3/	4515/	4015/	46 9/	46 15/ 69
77		15/	6315/	3235/	3817/	3816/	4519/	2717/	3211/	3617/	3312/	5915/	4135/	48 15/ 63
78		19/	3216/	45 1/	2633/	2915/	3117/	3718/	2219/	3914/	45 9/	6714/	5916/	67 9/ 67
79		16/	6536/	4918/	2820/	3713/	2614/	2716/	3415/	4014/	5214/	5020/	5235/	55 16/ 65
80		15/	6423/	6517/	5317/	4416/	4415/	3119/	4419/	3915/	4612/	5935/	3916/	49 23/ 65
81		14/	6514/	7114/	8035/	3214/	4934/	3034/	2735/	4735/	4114/	4416/	50 6/	56 14/ 80
82		1/	4434/	5318/	5034/	5613/	5011/	4518/	3420/	2714/	6035/	5112/	6315/	70 15/ 70
83		35/	6117/	33 1/	2215/	5819/	31 4/	3034/	2619/	3218/	5235/	3 6/	7615/	36 16/ 76
84		14/	4035/	4017*	3831/	3017/	30 5*	2020/	2632/	4417/	4335/	3914*	32	
MEAN		53.9	52.0	51.1	45.7	38.0	33.6	32.1	38.1	45.1	49.4	52.9	56.7	71.5
S D		11.659	11.934	20.216	12.402	8.409	6.104	7.859	7.695	7.421	11.230	9.810	17.322	9.092
TOTAL OBS		461	417	461	450	462	422	460	460	448	492	458	454	5445

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

% (BASED ON LESS THAN FULL MONTHS AND +100 KNOTS)

U S AIR FORCE  
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APPLICATIONS CENTER

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

- \*1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through June 1968, and in tens of degrees starting in July 1968. The extreme is selected and printed from available peak gusts for each year-month, however an asterisk (\*) is printed in the data block if less than 90% (3 or more missing observations) of the peak gusts are available for the month. An ALL MONTHS value is presented when every month of the year has valid observations. Means and standard deviations are also computed when four or more values are present for any column. A total raw count of valid observations is presented for each month and ALL MONTHS.

NOTE: According to Federal Meteorological Handbook No. 1 specifications (formerly Circular N), "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

- \*2. Bivariate percentage frequency tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both directions and speed, and in addition the mean wind speed is given for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VRBL.

- a. Three tables are prepared for ALL WEATHER surface winds, all years combined, by: (1) Annual - all hours combined, (2) By month - all hours combined, and (3) By month - by standard 3-hour groups.
- b. A separate annual table is also presented for surface winds meeting INSTRUMENT CLASS conditions as follows: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

NOTE: A percentage frequency of ".0" in these tables represents one or more occurrences amounting to less than ".05" percent.

\*Values for means and standard deviations do not include measurements from incomplete months.

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS (LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.6	1.2	1.0	1.2	.9	.4	.3	.1				6.8	11.2
NNE	1.5	1.5	.7									3.7	4.5
NE	2.9	3.2	.6	.3								7.1	4.3
NNE	1.6	1.2	.4	.3								3.5	4.8
E	1.3	1.3	.6	.7								4.3	5.2
ESE		.6	.1	.1								.9	6.3
SE	.3	.6	1.0	.7	.3	.4	.6					4.0	14.3
SSE		.6	1.2	.7		.1						2.7	10.6
S	.3	1.5	1.3	1.5	.1							4.7	9.2
SSW	1.2	1.2	.6	.1								3.1	4.7
SW		1.0	.7									1.9	5.7
WSW			.3									.3	7.5
W	.4	.6	.7	.4								2.2	6.9
WNW	.6	.6	.1	.1								1.5	5.8
NW	.3	.3	.1	.1								.9	6.3
NNW	.1	.3	.3	.1	.3	.1	.3					1.6	15.6
VARIABLE													
CALM	////////////////////											51.3	////
TOTALS	12.7	15.6	10.0	6.6	1.6	1.2	1.2	.1				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.9	1.3	1.0	.9	.6	.6					5.9	13.6
NNE	.6	1.3	.6									2.5	4.9
NE	4.4	8.4	.9	.3								10.0	4.2
NNE	3.7	3.2	1.2									8.1	4.3
E	1.5	1.6	1.5	.1								4.7	5.5
ESE	.3	.4	.4	.3	.1	.3	.1					2.1	12.4
SE	.3	.9	.9	1.0	.4	.4	.4					4.4	13.4
ESE		1.2	1.2	.9	.1	.4	.3	.1	.1	.3		4.7	15.8
S	1.2	1.0	1.6	1.0	.1							5.0	7.8
SSW	.9	.9	.7	.3								2.8	6.4
SW	1.3	.7	1.3									3.4	5.2
WSW	.7	.7	.1									1.2	4.0
W	.9	1.0	.7									2.7	5.3
WNW	.6		.4									1.0	4.4
NW	.1	.4	.4	.4	.1							1.6	8.6
NNW		.3	.3	.7	.4	.6	.1	.1				2.7	17.3
VARIABLE													
CALM	////////////////////											37.2	////
TOTALS	17.1	18.7	13.7	6.2	2.4	2.4	1.6	.3	.1	.3		100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPAHRVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	.7	.9	1.6	1.3	.3	.9	.1			7.5	13.7
NNE	1.2	1.0	.3	.4							3.0	5.5
NE	4.8	4.9	.6	.4							10.7	4.2
NNE	1.4	3.1	1.0	.1							6.1	5.0
E	1.3	2.2	1.6		.1						5.4	5.5
ESE	.3	.3	.9		.1	.1					1.8	8.9
SE	.7	.9	1.9	.4	.3	.7	.6		.1		5.8	13.0
SSE	.3	.6	.9	.7	.3	.1	.1				3.1	10.8
S	1.5	1.8	1.2	.9	.1	.1					5.7	7.4
SSW	1.5	1.0	.6	.4		.1					3.7	6.1
SW	.4	.9	.3	.4							2.1	6.6
WSW	1.0	.1		.1							1.3	3.6
W	1.5	1.0	.1	.6							3.3	5.2
WNW	.9	.6	.3								1.3	4.8
WW	.4	.7	.1	.1							1.5	5.2
NNW	.3	.4	.4	.7	.1		.1	.4			2.7	14.9
VARIABLE												
CALM	////////////////////										35.0	////
TOTALS	19.1	20.6	11.3	7.3	2.8	1.6	1.8	.6	.1		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS/ELST: 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55		
N	4.0	1.5	2.0	2.2	1.0	1.0	.7	.2			12.6	10.7
NNE	2.2	1.5	.3	.2	.2						4.4	4.5
NE	1.5	1.8	.7	.2							4.2	4.5
NNE	1.0	1.7	.8	.2							3.7	5.1
E	1.5	1.8	.7	.2							4.2	4.8
ESE	.3	.2	.5	.2	.2	.2	.2				1.7	11.9
SE	.2	.5	.3		.5	.3	.2				2.0	14.3
ESE	.7	.5	1.2	.2	.7	.3					3.5	12.7
S	1.3	2.0	1.0	.7	.8	.3					6.2	9.0
SSE	.8	1.3	.3	.8							3.4	7.0
SW	.8	.5	.5		.3						2.2	6.5
WSW		.2									.2	4.0
W	.2	.5		.2	.2						1.0	8.7
WSW	.3	.8	.8								2.0	6.3
WW	.3	.2	.5	.3							1.3	7.5
NNW	1.0	.5	.2	1.2	.2	.2	.5				3.7	12.5
VARIABLE												
CALM	////////////////////////////////////										43.9	////
TOTALS	16.2	15.6	9.9	6.4	4.0	2.3	1.5	.2			100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 597



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	1.1	.6	1.8	1.9	.3					9.7	10.0
NNE	2.2	1.8	.8	.3	.2						5.3	5.3
NE	2.4	2.7	1.0		.2						6.2	4.6
ENE	1.3	1.9	.3								3.5	4.4
E	.5	.8	.5	.3	.3						2.4	7.6
ESE		.8	.2	.3							1.3	7.9
SE	.3		1.3	.8	.5		.2	.2			3.2	13.5
SSE	.2	1.0	.8	.2	.3	.5					2.9	11.1
S	1.1	1.6	1.8	1.1	.3	.8	.2				6.9	10.1
SSW	.3	.3	1.1	.5	.2						2.4	9.4
SW	.2	.3	.3								.8	5.8
WSW	.2		.2								.3	4.5
W	.5	.5	.5	.2							1.8	5.3
WNW	.2	.5	.6			.2					1.4	8.0
NW	.2	.5	.2	.5							1.3	8.1
NNW	.3		.3	1.4	.2	.2	.5				2.9	15.4
VARIABLE												
CALM	////////////////////////////////////										48.7	////
TOTALS	12.7	13.9	10.4	7.4	4.2	1.8	.8	.2			100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 624

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS/ELST: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	1.2	1.3	1.4	1.0	.6	.3	.1			8.4	10.5
NNE	1.7	1.3	.5	.3	.1						3.8	4.9
NE	3.2	3.2	.7	.2	.0						7.3	4.3
NNE	1.5	1.9	.7	.1							4.2	4.8
E	1.1	1.5	1.0	.2	.1						4.0	5.9
ESE	.3	.5	.5	.2	.1	.1	.0				1.7	8.7
SE	.4	.8	.9	.6	.4	.3	.3	.0	.0		3.9	12.4
SSE	.2	.7	.9	.5	.2	.2	.1	.0	.0	.0	3.0	11.6
S	.9	1.6	1.4	1.1	.4	.2	.1				5.7	9.2
SSW	.9	1.0	.7	.4	.0	.0					3.1	6.4
SW	.5	.7	.6	.1	.0						1.9	5.9
WSW	.3	.2	.1	.0							.6	4.1
W	.7	.8	.3	.2	.0						2.0	5.4
WNW	.4	.4	.4	.1	.0						1.3	5.9
NW	.2	.3	.3	.2	.0						1.0	7.2
NNW	.3	.2	.3	.7	.2	.4	.2	.1			2.5	15.8
VARIABLE												
CALM	////////////////////										45.6	////
TOTALS	15.1	16.5	10.7	6.3	2.7	1.9	1.0	.2	.0	.0	100.0	4.3

TOTAL NUMBER OF OBSERVATIONS: 5232

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS (LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.7	1.5	.5	.4	.5	.3						5.9	6.6
NNE	2.7	1.9	.9	.3								5.8	4.6
NE	3.5	1.6	.7	.3								6.0	4.0
ENE	2.2	1.7	.3	.4								4.6	4.6
E	.5	1.2	.8	.3								2.8	6.1
ESE	.4	.3	.1			.1						.9	7.1
SE	.7	.3	1.5	.4	.3		.1	.1				3.4	10.6
SSE	.4	.3	2.0	.3	.3	.1						3.4	9.2
S	.5	1.3	2.4	1.7	.4	.1						6.6	9.5
SSW	.5	1.2	1.6	.3	.1							3.8	7.4
SW	.3	.4										.7	4.0
WSW	.4											.4	2.0
W	.4	.4	.1									.9	4.0
WNW	.1		.1									.3	5.0
NW	.4	.1	.5									1.1	5.4
NNW	.5	.7	.4	.1	.3	.3						2.3	9.5
VARIABLE													
CALM	////////////////////////////////////											51.2	////
TOTALS	16.3	12.9	12.1	4.4	1.9	.9	.1	.1				100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS (LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND SPEED
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	0.6	.9	.8	.4	.9							7.7	5.8
NNE	1.0	1.5	.1	.1								4.7	3.3
NE	1.8	1.9	.1									5.8	3.2
ENE	2.3	1.7	.1									3.8	3.4
E	1.2	1.1	.7	.1								3.1	4.8
ESE	.5	.5										1.1	3.4
SE	.4	.5	.8	1.5	.8	.1						4.2	11.8
SSE	.7	.4	1.1		.1	.1	.1	.1				2.7	10.2
S	1.9	.4	2.4	2.0	.4							7.5	9.5
SSW	.3	.9	.4	.3	.1	.1						2.2	8.0
SW	.2	.1	.3	.1								1.5	4.3
WSW		.1										.1	4.0
W	.5	.1	.1									.8	3.3
WNW	.1	.3	.1									.5	5.0
W	.1	.1			.1							.4	8.0
WNW	.5	.3	.4	.1	.1	.4	.1					2.0	11.7
VARIABLE													
CALM	////////////////////											52.0	////
TOTALS	20.8	11.0	7.5	4.7	2.7	.8	.3	.1				100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	.9	.1	.1	.3							4.0	4.4
NNE	2.4	1.2	.3	.1								4.0	4.0
NE	4.0	1.9	.3	.1								6.3	3.5
NNE	2.4	2.0	.5		.1							5.1	4.3
E	1.2	.9	.9									3.1	5.0
ESE	.1	.3	.5	.1								1.1	7.0
SE	.5	.7	.3	.1	.3	.1						2.0	8.2
ESE	.1	.5	.5	.5								1.7	8.5
S	.8	1.2	3.0	1.9	.1	.1	.3					7.4	9.7
SSW	.7	.9	.3	.5								2.4	6.6
SW	.7	.8	.1									1.6	3.9
WSW	.3											.3	2.0
W	.1	.5										.7	5.2
WNW		.4										.4	5.3
SW	.1	.1	.1			.1						.5	10.0
WSW	.5	.1	.7	.4	.5	.1	.1					2.6	11.7
VARIABLE													
CALM	////////////////////////////////////											56.7	////
TOTALS	16.7	12.6	7.7	4.0	1.3	.5	.4					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.1	.1	.3								1.9	6.1
NNE	1.2	.4	.3									1.9	3.7
NE	3.9	1.9	.5									6.2	3.4
ENE	2.6	3.4	.5	.3								6.7	4.5
E	2.3	3.1	1.2	.4								7.0	5.1
ESE	.7	.5	.5	.1								1.9	5.6
SE	.7	.8	.8	.5								2.8	7.1
SSE	.5	.8	1.2									2.6	6.3
S	1.1	3.6	2.2	.9	.5	.5	.1					9.0	8.8
SSW	1.5	2.2	1.6	.8	.1							6.2	6.7
SW	1.1	.5	.5	.1								2.3	5.2
WSW	.8	.3										1.1	2.5
W	1.5	.3	.1	.1								2.0	3.5
WNW	.7		.3	.1								1.1	4.8
NW	.5	.3			.1							.9	5.1
NNW	.3	.1	.1		.4		.4					1.3	16.6
VARIABLE													
CALM	////////////////////											45.2	////
TOTALS	19.5	19.2	10.1	3.4	1.2	.5	.5					100.0	37.3

TOTAL NUMBER OF OBSERVATIONS: 794

GEORGE CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 792350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: MAR HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	.5	.7	.8	.3	.1	.3					3.2	11.7
NNE	1.2	1.5	.3									3.0	4.0
NE	1.9	3.6	.7	.3								6.5	4.9
ENE	2.8	3.9	1.2	.1								8.1	4.5
E	3.0	5.9	.9	.4								10.2	4.8
ESE	.8	.8	.9									2.6	5.6
SE	1.7	1.2	1.9	.5	.3	.1						5.8	7.0
SSE	.5	2.0	2.0	.1	.1							4.8	6.8
S	1.9	3.2	3.6	.5	.5	.4	.1					10.3	4.1
SSW	.9	3.5	2.3	.1	.7							7.0	7.5
SW	2.3	1.2	1.6	.1								5.2	5.1
WSW	.7	.4	.3									1.3	4.1
W	2.0	.3	.3									2.6	3.1
WNW	.9	.4	.1	.1								1.1	5.8
NW		.4	.5		.3							1.2	10.3
NNW	.1	1.1	1.2	.5	.3							3.2	8.8
VARIABLE													
CALM	////////////////////											23.9	////
TOTALS	22.7	30.0	18.5	3.8	2.4	.7	.4					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(UT): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.5	1.3	3.0	1.6	.1	.7						7.3	10.4
NNE	.9	1.6	1.1	.3								3.9	5.7
NE	5.6	3.5	.3			.1						9.5	3.7
NNE	3.1	4.7	.9	.4	.1							9.3	4.9
E	3.0	3.0	1.1	.3								7.3	4.7
ESE	.7	.9	.8									2.4	5.9
SE	1.3	1.7	1.7	.7	.5							6.0	7.5
ESE	.7	2.3	1.9	.1	.1							5.1	6.5
S	1.6	3.6	3.0	.5	.1							8.9	6.3
SSW	1.6	2.6	1.6	1.1	.3	.1						7.3	7.4
SW	2.0	.7	.5									3.2	3.8
WSW	1.2	.4		.1								1.7	3.4
W	1.2	.8	.4									2.4	3.9
WNW	.5	.1	.4									1.1	4.9
NW	.7	.9	.7	.1								2.4	5.9
NNW		.8	1.1	.9	.1							3.0	10.1
VARIABLE													
CALM	////////////////////											19.2	////
TOTAL	29.7	29.0	18.4	6.2	1.5	.9						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS: 744



FEDERAL CLIMATOLOGY BRANCH  
UNAFETAT  
AIR WEATHER SERVICEZMA

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 72150 STATION NAME: SPARRREVUHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-7	8-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.2	1.7	1.1	1.8	.3	1.0	.4				9.4	9.6
NNE	1.8	1.4	.4	.4							4.0	4.8
NF	4.3	3.4	.7								8.4	5.7
ENE	2.3	3.3	.6								6.2	4.0
E	1.4	1.5	.8	.1							3.9	4.8
ESE	1.7	.4	.6	.3							2.9	5.0
SE	.7	1.4	1.5	.3							3.7	6.3
SSE	.7	1.8	1.4	1.0							4.8	7.3
S	1.2	2.1	2.8	.6							6.6	5.6
SSW	.7	1.2	1.1	.3	.1						3.4	6.8
SW	.3	.6	.6	.1	.1						1.7	7.4
WSW	.6	.3	.1								1.0	3.6
W	.4		.1	.1							.7	5.8
WNW	.1	.5	.3								1.0	5.9
NW	.1	.3									.4	3.7
NNW	1.0	.8	1.2	1.1	.1	.1					4.4	8.7
VARIABLE												
CALM	////////////////////////////////////										37.6	////
TOTALS	20.4	20.7	13.2	5.9	.7	1.1	.4				100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 726

GLOBAL CLIMATOLOGY BRANCH  
USAFETAT  
AIR WEATHER SERVICE/ZAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARPEVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.9	1.9	.8	.5	.4	.3	.3				8.6	6.6
NNE	3.3	1.0	.5	.4							5.2	4.2
NE	4.0	2.5	.4	.1							7.0	3.6
ENE	2.5	2.3	1.2	.1							5.1	4.7
E	1.5	1.4	.8								3.7	4.6
ESE	.4	.4	.1	.1							1.1	5.6
SE	.5	1.0	1.0	.7	.1						3.3	7.6
SSE	.3	.7	1.9	.8							3.7	8.3
S	.7	1.4	1.9	1.0							4.9	7.4
SSW	.3	.8	.8	1.0	.5						3.4	10.1
SW	.7		.4								1.1	4.9
WSW	.3	.1	.1								.5	4.0
W	.1	.1	.3	.1							.7	7.4
WNW		.7									.7	5.0
W	.1	.3	.3	.7							1.4	9.7
WNW	.3	.4	.7	.4	.4	.1	.3	.1			2.7	14.3
VARIABLE												
CALC	////////////////////////////////////										45.9	////
TOTALS	19.3	14.9	11.3	6.0	1.5	.4	.5	.1			100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 752

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(LOCAL): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.1	4.2	.9								9.9	5.7
NNE	.2	1.5	.5									3.0	4.8
NE	2.7	1.7	.3									4.7	3.6
ENE	1.7	1.5	.1									3.4	3.6
E	1.5	1.7	.5	.1								3.9	4.5
ESE	1.1	.9	.9	.1								3.1	5.6
SE	1.2	1.6	2.6	.8	.4	.1						6.7	8.1
SSE	.7	2.4	2.3	.9	.1							6.5	7.6
S	1.7	6.0	6.9	1.5	.1							16.3	7.0
SSW	2.8	3.1	2.7	.5								9.1	5.7
SW	1.2	1.9	.8	.4								4.3	5.4
WSW	.5	.7										1.2	3.7
W	1.7	.7										2.4	3.1
WNW	1.1	1.5	.5									3.4	4.2
NW	.1	.5	.8	.1								1.6	6.8
NNW	1.1	1.5	2.8	.8								6.2	7.1
VARIABLE													
CALM	////////////////////											14.4	////
TOTALS	22.2	30.4	25.9	6.3	.7	.1						100.0	5.2

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS (LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.4	1.7	2.0	.9								5.1	8.1
NNE	.8	1.1	.3									2.2	4.6
NE	2.3	1.3	.3									3.9	3.6
ENE	3.0	1.5										4.4	2.9
E	2.4	.8	.4									3.6	3.5
ESE	.5	.8	.4	.4	.1	.1						2.4	8.0
SE	.7	1.5	.7	.5								3.4	6.4
SSE	.7	1.7	.9	.5	.1							4.0	7.1
S	1.5	3.2	2.7	.4								7.8	6.1
SSW	1.2	2.6	1.6	.1								5.5	5.5
SW	1.1	.8	.4									2.3	4.3
WSW	1.2	.3	.1									1.6	3.2
W	.8	.5										1.3	3.1
WNW	.4	.1	.3									.8	4.7
NW	.1	.5	.7	.1								1.5	7.4
NNW	.3	.3	.9	.1								1.6	7.6
VARIABLE													
CALM	////////////////////											49.5	////
TOTALS	17.4	18.8	11.7	3.2	.3	.1						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(UT): 0300-0500

DIRECTION (DEGR. FSI)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.5	1.7	.9	.7							6.3	4.5
NNE	2.9	.5	.7	.1							4.2	3.7
NE	1.0	1.3	.3	.1							4.7	3.5
ENE	.8	.9									1.7	3.3
E	.7	.4	.1								1.2	3.4
ESE	.4	.3		.1	.1						.9	6.9
SE	.4	.8	.8	.1	.4						2.6	8.9
SSE	1.3	.8	1.3	.3	.3						4.0	6.6
S	1.1	2.2	.5								3.8	4.7
SSW	.8	1.1	.9								2.8	5.4
SW	.5	.9	.3								1.7	4.4
WSW	.3	.1									.4	3.3
W	.3	.3									.5	2.8
WNW	.4	.3									.7	3.2
NW	.1		.5								.7	7.4
NNW	.3	.4	.4	.7							1.7	8.6
VARIABLE												
CALM	////////////////////										62.0	////
TOTALS	16.7	12.1	6.3	2.2	.8						100.0	1.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(LEST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.4	1.5	1.5	1.2							9.5	5.0
NNE	2.6	.7	.4	.1							3.8	3.8
NE	1.9	.4	.3								2.6	3.3
ENE	.3	.9	.3								1.3	5.2
E	.1	.3	.1								.5	4.5
ESE	.1	.4	.3								.8	5.5
SE	1.3	1.1	.7	.5	.3						3.9	6.6
SSE	.1	.9	.7	.4	.1						2.3	7.9
S	.7	2.7	.7	.1	.1						4.3	5.9
SSW	.9	1.3	.5	.1							3.0	4.8
SW	.5	.5	.5	.1							1.7	5.8
WSW	.3	.5									.8	3.7
W	.4	.1									.5	3.3
WNW		.1									.1	5.0
NW	.7	.7	.3								1.6	4.5
NNW	1.3	.8	.8	.5							3.5	5.9
VARIABLE												
CALM	////////////////////										59.7	////
TOTALS	16.7	12.9	7.0	3.2	.5						100.0	2.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(1513): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	1.8	2.6	1.2	.2	.2	.1	.0			9.7	7.5
NNE	1.8	1.1	.6	.1	.0						3.6	4.3
NE	2.5	1.6	.3								4.4	3.5
NNE	1.8	1.9	.5	.0							4.1	4.1
E	1.6	2.0	.7	.1	.0						4.3	4.6
ESE	.4	.8	.4	.1							1.7	5.3
SE	.6	1.4	.9	.3	.1	.1					3.3	7.0
SSE	.4	1.4	1.7	.6	.1	.0					4.1	7.8
S	1.6	4.0	4.7	1.3	.2	.0					11.6	7.2
SSW	1.3	2.6	2.7	1.2	.1						8.0	7.3
SW	.8	1.3	.6	.2							2.9	5.6
WSW	.2	.5	.1	.0							.9	4.7
W	.5	.4	.1								1.1	3.9
WNW	.3	.7	.4	.1	.0						1.4	5.6
NW	.5	1.1	1.0	.5	.1	.1	.0				3.3	8.0
NNW	.8	1.0	2.2	1.9	.8	.2	.1	.1			7.0	11.0
VARIABLE												
CALM	////////////////////////////////////										29.5	////
TOTALS	17.7	23.5	19.2	7.5	1.6	.7	.5	.1			100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 5750

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRHVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.0	1.0	2.6	1.0	.1	.4	.1	.3			10.6	7.5
NNE	2.2	1.0	.7								3.9	4.0
NE	2.2	1.2	.4								3.9	3.6
NNE	1.7	1.5	.3								3.5	4.0
E	.6	.7									1.2	3.9
ESE	.3	.1	.1								.6	4.3
SE	.1	1.0	.4	.6	.1						2.2	6.7
SSE	.6	.7	1.5	1.0							3.7	7.9
S	1.7	3.2	2.4	1.4	.7						9.3	7.4
SSW	1.5	1.0	1.2	1.1	.1						5.0	7.3
SW		.8	.4								1.2	5.3
WSW		.1									.1	4.0
W	.3	.3									.6	3.8
WNW	.6	.7	.4								1.7	4.8
NW	.6	.7	.7	.8	.3	.1					3.2	9.8
NNW	.8	.7	2.2	2.6	1.1	.1					7.6	11.4
VARIABLE												
CALM	////////////////////////////////////										41.7	////
TOTAL	18.1	14.7	13.5	8.5	2.5	.7	.1	.3			100.0	8.2

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS (LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.3	3.6	3.7	1.8	.3	.3	.1				13.2	7.4
NNE	2.2	1.5	1.0	.1	.1						5.0	4.9
NE	1.2	1.0	.3								2.5	3.9
NNE	1.5	1.5	.1								3.2	3.6
E	2.1	1.1	.7	.1							4.0	4.5
ESE	.6	.8									1.4	3.8
SE	.6	2.2	.7	.6							4.0	6.4
ESE	.4	1.5	2.1	.8	.1						5.0	8.1
S	2.4	3.9	3.6	1.0	.4						11.2	6.8
SSW	1.1	2.1	1.5	.8							5.6	6.9
SW	.6	1.5	.3	.3							2.6	5.5
WSW	.6	.3									.8	3.5
W	.3	.6									.8	4.3
WNW	.4	1.1	.3	.1							1.9	5.6
NW	.1	2.2	1.1	.7	.3						4.4	7.9
NNW	1.2	2.4	3.3	1.5	.7	.3	.1	.1			9.7	9.6
VARIABLE												
CALM	////////////////////											24.4
TOTALS	18.6	27.4	18.7	7.9	1.9	.6	.3	.1			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARPLEVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.1	2.4	3.6	1.4	.6						9.0	8.2
NNE	1.4	.8	.3	.3							2.8	4.5
NE	1.1	1.9	.1								3.2	4.0
NNE	1.1	2.2	.7								4.0	4.6
E	1.7	3.7	.6								6.0	4.5
ESE		1.5	.1	.1							1.8	5.8
SE	1.4	1.4	1.4	.6	.3						5.0	6.8
SSE	.3	2.1	2.9	.7	.1						6.1	8.1
S	1.2	3.6	6.0	1.5	.4						12.8	7.9
SSW	2.1	4.2	5.0	1.4	.1						12.8	7.0
SW	1.0	2.6	1.2	.6							5.4	6.2
WSW	.3	.8	.3								1.4	4.8
W	.4	.7	.3								1.4	4.9
WNW	.7	.8	.1								1.7	4.5
NW	1.4	2.2	1.7	.6	.3						6.1	6.7
NNW	1.7	2.2	4.3	2.5	1.2	.1	.1	.3			12.5	10.1
VARIABLE												
CALM	////////////////////										8.1	////
TOTALS	16.8	33.3	28.6	9.6	3.1	.1	.1	.3			100.0	6.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(EST): 1200-1400

DIRECTION (DEGR: FSI)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.7	3.5	3.7	1.8	.3						10.0	8.1
NNE	.9	1.4	.6								2.8	4.9
NE	1.7	2.2	.3								4.2	4.1
NNE	1.9	2.8	.7	.1							5.6	4.6
E	1.7	2.8	1.7	.3							6.4	5.3
ESE	.7	.7	1.2	.1							2.8	6.0
SE	.4	2.4	1.5	.1		.1					4.6	6.9
SSE	.7	2.7	2.9	.4		.3					6.5	7.6
S	1.5	4.7	6.0	2.6	.1						15.0	7.6
SSW	1.2	3.9	5.0	2.1	.1						12.4	7.7
SW	1.8	2.1	1.4								5.3	5.2
WSW	.3	.7	.1	.1							1.2	5.8
W	.7	.8	.3								1.8	4.5
WNW	.3	1.2	.6	.3							2.4	5.9
NW	.8	1.2	2.4	.7							5.1	7.3
NNW	.4	1.4	3.7	1.5	.7	.3	.1				8.2	10.3
VARIABLE												
CALM	////////////////////////////////////										5.8	////
TOTALS	15.7	34.0	32.1	10.3	1.2	.7	.1				100.0	6.6

TOTAL NUMBER OF OBSERVATIONS: 720

JOINT CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(IST): 0900-1100

DIRECTION (DEGR, FSI)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	1.8	2.2	1.4							6.4	7.4
NNF	1.4	1.2	.4								3.1	4.3
NE	2.1	1.0									3.1	2.8
NNE	2.5	2.6	1.0								6.1	4.3
E	2.4	3.5	1.2	.1	.1						7.4	5.0
ESE	1.0	.8	.7	.1							2.6	5.2
SE	.7	1.4	1.1	.1		.4					3.7	7.5
SSE	.4	1.7	1.4	.4							3.9	6.9
S	2.5	5.0	6.5	1.1							15.1	6.7
SSW	2.4	3.6	2.9	1.2							10.1	6.4
SW	1.2	1.9	1.0	.6							4.7	5.9
WSW	.1	.7	.1								1.0	5.0
W	1.4	.7	.1								2.2	3.0
WNW	.3	.6	.4								1.2	5.4
NW	.4	1.5	.3	.4							2.6	6.1
NNW	.1	.8	1.5	2.1	.1	.3	.4				5.4	12.6
VARIABLE												
CALM	////////////////////////////////////										21.2	////
TOTALS	19.9	28.9	21.0	7.6	.3	.7	.4				100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(EST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	.9	2.2	.6	.1	.1	.1				4.6	8.9
NNE	1.2	1.1	.6								2.9	4.2
NE	3.6	1.4	.3								5.3	3.2
ENE	1.9	2.1	.6								4.6	3.9
E	1.9	1.7	.6								4.2	4.1
ESE	.3	1.1	.3								1.7	5.0
SE	.6	1.1	.6	.1		.3					2.6	7.3
SSE	.3	1.7	1.1	.4	.1						3.6	7.4
S	1.1	4.3	3.7	.3							9.4	6.4
SSW	1.5	1.9	3.1	1.1							7.6	7.0
SW	.9	.7		.1							1.7	3.9
WSW	.1	.4									.6	3.3
W	.4	.1	.3								.8	4.5
WNW	.3	.6	.6								1.4	6.0
NW	.1	.1	.8	.3	.1	.1					1.7	10.7
NNW	.3		.6	1.4	.6	.4	.1				3.3	14.9
VARIABLE												
CALM	////////////////////////////////////											44.0
TOTALS	15.6	18.7	15.1	4.3	1.0	1.0	.3				100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(IST): 0300-0500

DIRECTION (DEGR. (S))	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	9.0	.8	.6	.6		.4	.1					6.5	6.0
NNE	2.6	1.1	.8	.1								4.7	4.1
NE	4.2	2.2	.3									6.7	3.2
NNE	1.1	1.0	.4									2.5	4.1
E	1.4	1.4	.4									3.2	4.0
ESE	.3	.8	.3									1.4	5.3
SE	.7	.7	.3	.3	.1							2.1	7.1
SSE	.4		.8	.6								1.8	9.0
S	1.0	2.8	4.6	.8								9.2	7.2
SSW	.3	2.1	1.8	1.4								5.6	8.3
SW	.6	.4	.7	.1								1.8	6.4
WSW	.3	.6	.3									1.1	5.0
W	.3											.3	2.0
WNW		.1	.6		.1							.8	9.3
NW	.4	.3	.3	.3	.1	.1	.1					1.7	11.3
NNW	.8	.4	.6	1.7	.6	.1						4.2	11.2
VARIABLE													
CALM	////////////////////											46.5	////
TOTALS	18.7	14.7	12.6	5.8	1.0	.7	.3					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.9	.7	1.8	1.0		.7						9.0	6.6
NNE	2.4	.8	.6									3.7	3.6
NE	3.7	1.9	.7									6.4	3.6
NNE	2.4	1.1	.1	.1								3.7	3.8
E	.8	1.0	.3									2.1	4.2
ESE	.4	.4	.6									1.4	5.4
SE	.6	1.0	.8									2.4	5.5
SSE		1.1	.7	.3								2.1	7.5
S	1.4	4.2	3.5	1.7	.1	.1						11.0	7.4
SSW	.3	2.2	1.4	.8	.3							5.0	8.4
SW	.1	.3		.1								.6	6.5
WSW	.1	.3	.1									.6	4.5
W	.4	.1	.1									.7	3.4
WNW	.3	.1										.4	2.7
NW	.3	.6	.4	.1		.1						1.5	8.1
NNW	.8	.1	1.1	1.7	1.1	.1						5.0	12.3
VARIABLE													
CALM	////////////////////											44.4	////
TOTALS	18.9	16.0	12.2	5.8	1.5	1.1						100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 102350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	1.2	.9	.7	.4	.3	.1				6.0	7.7
NNE	2.1	1.3	.5	.2							4.1	4.3
NE	3.9	2.5	.5	.1		.0					7.0	3.7
ENE	2.5	2.8	.7	.2	.0						6.2	4.4
E	1.8	2.3	.9	.2							5.1	4.9
ESE	.7	.5	.5	.1		.0					1.7	5.6
SE	.8	.9	1.2	.6	.3	.1	.0	.0			3.9	8.2
SSE	.5	1.1	1.5	.4	.1	.0	.0	.0			3.6	7.7
S	1.2	2.2	2.7	1.1	.3	.2	.1				7.7	8.1
SSW	.7	1.7	1.2	.5	.3	.0					4.5	7.5
SW	1.0	.5	.5	.1	.0						2.2	4.9
WSW	.5	.2	.1	.0							.8	3.3
W	.8	.3	.2	.1							1.4	4.0
WNW	.3	.7	.2	.0							.8	5.2
NW	.3	.3	.3	.1	.1	.0					1.0	7.3
NNW	.4	.5	.7	.5	.3	.1	.1	.0			2.7	10.8
VARIABLE												
CALM	////////////////////////////////////										41.5	////
TOTALS	19.7	18.8	12.4	4.8	1.7	.7	.3	.1			100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 5922



GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.7	3.1	3.9	1.1							9.8	6.9
NNE	1.3	1.7	.5								3.6	4.4
NE	1.1	1.1	.3								2.4	4.2
ENE	.5	2.6	.8								3.9	5.2
E	.7	1.6	.5								2.8	4.6
ESE	.5	1.9	.1	.1							2.7	5.2
SE	.8	3.4	2.2	.9	.3						7.5	7.3
SSE	.4	3.0	3.4	2.0	.1						8.9	8.4
S	2.0	4.3	7.1	2.3	.3						16.0	7.7
SSW	1.1	3.2	4.8	1.1	.1						10.3	7.6
SW	.8	1.9	2.2	.3							5.1	6.4
WSW	.5	1.6	.4								2.6	4.8
W	.9	1.1	.1								2.2	4.3
WNW	.9	1.2	.1								2.3	3.6
NW	.8	1.6	1.7								4.2	5.8
NNW	.5	1.9	3.5	.8							6.7	7.5
VARIABLE												
CALM	////////////////////////////////////										9.0	////
TOTALS	14.8	35.1	31.7	8.6	.8						100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.1	3.5	1.2							9.3	7.0
NNE	.7	1.3	1.3	.1							3.5	5.7
NE	1.1	.9	.3								2.6	4.3
ENE	.9	.9	.3	.3							2.4	5.4
E	.9	.8	.8	.1							2.7	5.9
ESE	.8	.8	.7	.1							2.4	5.9
SE	1.2	1.3	2.2	1.1	.7						6.5	6.5
SSE	.9	3.0	2.7	2.4	.1		.1	.1			9.4	9.0
S	1.6	6.6	6.9	2.0	.3						17.3	7.5
SSW	2.2	3.4	3.9	1.1							10.5	6.6
SW	1.7	2.0	1.6								5.4	5.4
WSW	.9	1.3	.4								2.7	4.7
W	1.7	1.1	.8								3.6	4.5
WNW	.4	1.2	.5								2.6	4.9
NW	1.5	1.6	.9	.1							4.2	5.1
NNW	.3	2.2	3.4	.9							6.7	7.9
VARIABLE												
CALM	////////////////////										8.3	////
TOTALS	19.1	31.6	30.1	9.5	1.1		.1	.1			100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702353 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(UT): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.3	2.6	3.5	1.5	.1						9.9	7.2
NNE	.8	1.2	.1								2.2	4.3
NE	.5	1.1	.5								2.2	5.4
ENE	1.1	.9	.1	.1							1.7	4.0
E	.1	.9	.1								1.2	5.3
ESE	.3	.8		.1							1.2	5.6
SE	.5	2.2	2.0	.8	.3	.3					6.0	8.9
SSE	1.6	3.2	1.2	1.1	.3	.4					7.8	7.6
S	3.0	6.9	5.1	.8							15.7	6.1
SSW	1.9	3.9	3.6	.7							10.1	6.4
SW	.9	3.6	2.2								6.7	5.6
WSW	.7	.4									1.1	3.3
W	1.2	.7									1.9	3.0
WNW	.5	.3	.1								.9	3.9
NW	.8	.9	.5								2.3	5.1
NNW	1.5	3.2	2.2	1.2							8.1	6.6
VARIABLE												
CALM	////////////////////										21.0	////
TOTAL	17.7	32.3	21.4	6.3	.7	.7					100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.6	1.5	2.2	1.5	.3						9.9	6.1
NNE	2.7	1.1	.9	.1							4.3	4.4
NE	.8	.9	.4								2.2	4.4
NNE	.7	.5	.3								1.5	4.2
E	.4	.1	.3	.1							.9	5.4
ESE	.8	.4		.3							1.5	4.8
SE	.8	1.1	.5	.3	.1	.1					3.0	7.4
SSE	.8	1.2	.8	.4		.3					3.5	7.4
S	1.2	3.1	1.5	.1							5.9	5.8
SSW	.8	3.0	1.2								5.0	5.6
SW	.8	1.9									2.7	4.2
WSW	1.1	.1									1.2	2.4
W	.9	.4									1.3	2.9
WNW	.1	.3	.1								.5	4.3
NW	.3	.1	.5	.1							1.1	6.9
WSW	1.7	1.3	2.3	.1							5.5	6.0
VARIABLE												
CALM	////////////////////////////////////										50.0	////
TOTALS	18.0	17.1	11.0	5.1	.4	.4					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(IST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	2.3	2.6	1.1	.1						8.7	6.4
NNE	1.5	1.1	.6	.1							3.3	4.4
NE	1.7	1.1	.3	.0							3.1	3.9
NNE	1.1	1.1	.2	.1							2.6	4.1
E	.9	.8	.4	.1							2.1	4.6
ESE	.6	.8	.3	.2	.0	.0					1.9	6.0
SE	.9	1.6	1.4	.6	.3	.1					4.9	7.9
SSE	.8	2.0	1.7	1.0	.2	.1	.0	.0			5.8	7.9
S	1.6	4.4	3.9	.9	.1						10.9	6.8
SSW	1.5	2.7	2.4	.5	.0						7.0	6.3
SW	1.0	1.7	1.0	.1							3.7	5.4
WSW	.7	.6	.1								1.4	3.9
W	1.0	.6	.1								1.7	3.6
WNW	.6	.6	.2								1.4	4.2
NW	.6	.8	.8	.1							2.1	5.8
NNW	.9	1.4	2.0	.7							5.0	7.0
VARIABLE												
CALM	////////////////////////////////////										34.1	////
TOTALS	17.8	23.8	18.1	5.3	.7	.2	.0	.0			100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	5.1	2.2	1.5	1.0	.7						10.6	5.6
NNE	2.2	.4	.1								2.8	2.8
NE	.7	.8	.1								1.7	3.6
ENE	.1	.1	.1	.1							.6	7.8
E	.1	.1		.1							.4	6.7
ESE	.1										.1	2.0
SE	.7	.8	.3	.1							1.9	5.1
SSE	.1	1.1	1.9	.6							3.7	8.5
S	1.4	2.1	1.5	.3	.1						5.4	6.5
SSW	.8	1.9	1.5		.1						4.4	6.0
SW	.7	.6	.3	.1							1.7	4.8
WSW	.3										.3	1.5
W	1.1	.7	.1								1.9	3.8
WNW	.6	.6									1.1	3.9
NW	.6	.4	.3	.3							1.5	6.3
NNW	1.0	1.4	1.5	.3		.1					4.3	6.8
VARIABLE												
CALM	////////////////////										57.5	////
TOTALS	15.7	13.1	9.4	2.9	1.0	.1					100.0	2.4

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	1.8	.3	.8							5.6	4.8
NNE	.7	1.2	.1								2.1	4.1
NE	1.8	1.1									2.9	3.1
NNE	.7	.6		.1							1.4	4.4
E	.3	.1	.4								.8	5.7
ESE												
SE	.8	.6	.6		.4		.1				2.5	8.7
SSE	1.0	1.0	.8	.4							3.2	6.4
S	1.5	2.8	2.1	.4							6.8	6.0
SSW	.7	2.2	1.2	.1							4.3	5.8
SW	.3	1.0	.6								1.8	5.4
WSW	.6	.4									1.0	3.3
W	.7	.6	.4								1.7	4.3
WNW	.3	.6	.1	.1							1.1	5.4
NW	.1	.7	.1								1.0	5.1
NNW	.7	1.0	.7	.3							2.6	6.4
VARIABLE												
CALM	////////////////////////////////////										61.2	////
TOTALS	12.8	15.6	7.5	2.4	.4		.3				100.0	7.1

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(IST): 0600-0800

DIRECTION (TRUE)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	2.2	2.1	.4							5.1	6.6
NNE	.7	1.4	.8								2.9	5.3
NE	1.1	.7	.1								1.9	3.5
ENE	1.5	.8	.1								2.5	3.4
E	1.1	.6	.1	.1	.1						2.1	5.2
ESE	.6		.3								.8	4.0
SE	.3	.8	.7	.3	.1						2.2	8.0
SSE	.7	1.1	1.2	.1	.1						3.3	6.6
S	2.6	3.7	3.1	.3							9.7	5.5
SSW	2.6	3.6	1.8	.1							8.2	5.0
SW	1.7	1.5	.3								3.5	3.9
WSW	1.5	1.0	.1								2.6	3.3
W	2.2	1.0									3.2	2.9
WNW	.3	.3	.1								.7	5.4
NW	.6	1.0	.4								1.9	5.1
NNW	.1	.6	1.1	.3							2.1	8.2
VARIABLE												
CALM	////////////////////////////////////										47.1	////
TOTALS	18.1	20.3	12.5	1.7	.4						100.0	2.8

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(LST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.8	3.5	4.3	1.1							9.7	7.2
NNE	1.1	1.9	.6								3.6	4.7
NE	.8	2.1	.3								3.2	4.4
NNE	.6	.8	.4								1.8	4.8
E	.8	.7	.7	.1							2.4	5.4
ESE	.3	.8	.7	.4							2.1	7.7
SE	.7	1.0	.6	.6							2.8	6.5
SSE	.8	2.1	2.1	.1							5.1	6.2
S	3.6	6.9	6.0	.8							17.4	6.0
SSW	1.5	5.1	2.4	.4							9.4	5.8
SW	2.4	3.3	1.4		.1						7.2	4.9
WSW	1.7	1.4	.1								3.2	3.6
W	1.5	1.5	.3	.1							3.5	4.3
WNW	.8	1.4	.1								2.4	4.1
NW	.7	1.5	.7								2.9	5.2
NNW	.6	2.4	2.8	.8							6.5	7.5
VARIABLE												
CALM	////////////////////										16.8	////
TOTALS	18.7	36.5	23.2	4.6	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	5.1	2.9	1.1	.3						11.4	6.6
NNE	.4	1.4	1.8	.1							3.7	6.7
NE	.4	.8	.1								1.4	4.6
NNE	.4	.1	.8	.1							1.5	6.6
E	.3	.6	.1								1.0	5.1
ESE	.8	.3	.7	.3							2.1	5.8
SE	.6	1.5	1.5	.1							3.7	6.4
SSE	.7	1.5	2.5	.6	.1						5.4	7.6
S	2.1	5.8	6.8	1.9	.3						16.9	7.3
SSW	.7	4.9	6.1	1.0							12.2	7.3
SW	1.5	3.5	1.9	.1							7.1	5.7
WSW	.8	1.8	.6	.1							3.3	5.1
W	1.5	2.5	.4	.1	.1						4.7	4.9
WNW	.8	1.2	.6								2.6	4.8
NW	1.0	3.5	1.4								5.8	5.5
NNW	.4	3.7	3.2	.8	.3						8.5	7.2
VARIABLE												
CALM	////////////////////										8.5	////
TOTALS	14.4	37.9	31.5	6.5	1.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS (LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56			
N	1.7	4.7	2.2	1.5								10.1	6.7
NNE	.6	.8	1.0	.6								2.9	6.7
NE	.4	1.0	.4									1.8	5.0
NNE	.6	.4	.4									1.4	5.1
E	.3	1.1										1.4	4.4
ESE	.1	.4										.6	5.0
SE	.4	.4	1.1									1.9	6.1
SSE	.7	1.9	3.6	1.2								7.5	7.9
S	1.7	6.8	11.1	2.8	.3							22.6	7.6
SSW	1.7	3.9	6.1	1.1								12.8	7.1
SW	.6	3.6	2.5									6.7	5.9
WSW	.6	1.4	.3									2.2	4.6
W	1.2	2.4	.7									4.3	4.6
WNW	.8	1.5	.8									3.2	4.8
NW	1.1	2.6	1.5	.1								5.4	5.6
NNW	1.1	2.4	3.1	.7	.1							7.4	7.1
VARIABLE													
CALM	////////////////////											7.8	////
TOTALS	11.5	35.4	34.9	8.1	.4							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 722350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.5	3.1	3.0	.4							8.0	6.2
NNE	.4	.3	.6	.1	.3						1.7	8.7
NE	.7	.4	.7								1.8	5.1
ENE	.6	.4									1.0	3.4
E	.4	1.0	.1								1.5	4.5
ESE	.3	.3	.1								.7	5.2
SE	.1	1.0	.3	.3	.1						1.8	7.5
SSE	.4	1.7	1.4	.6							4.5	8.7
S	2.5	2.3	5.9	1.7							17.4	6.7
SSW	2.1	2.5	5.9	1.0							16.5	6.3
SW	1.7	3.5	2.4								7.6	5.5
WSW	1.3	1.1	.4	.1							3.0	4.7
W	2.3	1.8	1.0								5.1	4.3
WNW	1.1	1.7	.4								3.4	4.5
NW	.4	2.0	1.1	.3							3.8	6.1
NNW	1.4	2.3	2.3	.7							6.6	6.6
VARIABLE												
CALM	////////////////////////////////////										15.6	////
TOTALS	17.9	35.3	25.6	5.2	.4						100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 711

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(1511: 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	2.8	2.0	.7	.1						8.8	5.7
NNE	2.2	.6	.8	.3							3.9	4.8
NE	.7		.3								1.0	4.1
ENE	.3		.1	.1							.6	6.8
E	.7	.3	.1								1.1	3.8
ESE	.4	.1									.6	3.3
SE	.7	.8	1.0	.1	.1						2.8	6.8
SSE	.4	1.1	1.1	.3							2.9	6.8
S	1.5	3.8	2.2	.6	.1						8.3	6.4
SSW	2.7	3.9	2.4	.3							9.2	5.3
SW	1.1	2.8	1.0								4.9	5.2
WSW	.8	1.4									2.2	3.4
W	1.0	.4	.3								1.7	3.7
WNW	.6	.1									.8	2.7
NW	.7	1.7	.3	.1							2.8	5.1
NNW	.7	2.2	1.5	.4	.1						5.0	6.8
VARIABLE												
CALM	////////////////////										43.3	////
TOTALS	17.8	22.3	13.2	2.9	.6						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH  
USAF/7AF  
AIR WEATHER SERVICE/7HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARRLOVHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	3.2	2.3	.9	.1							8.7	6.2
NNE	1.0	1.0	.7	.1	.0							3.0	5.4
NE	.8	.9	.3									2.0	9.1
NNE	.6	.4	.3	.1								1.3	4.8
E	.5	.6	.2	.1	.0							1.3	5.0
ENE	.3	.2	.2	.1								.9	5.8
SE	.5	.9	.7	.2	.1		.0					2.5	6.9
SSE	.7	1.4	1.8	.5	.0							4.5	7.2
S	2.1	4.9	4.8	1.1	.1							13.1	6.7
SSW	1.6	4.1	3.4	.5	.0							9.6	6.2
SW	1.2	2.5	1.3	.0	.0							5.0	5.3
WSW	.9	1.1	.2	.0								2.2	4.1
W	1.4	1.4	.4	.0	.0							3.3	4.2
WNW	.7	.9	.3	.0								1.9	4.5
WW	.6	1.7	.7	.1								3.2	5.5
NNW	.7	2.0	2.0	.5	.1	.9						5.4	7.1
VARIABLE													
CALM	////////////////////											32.2	////
TOTALS	16.1	27.1	19.7	4.3	.6	.0	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 5745

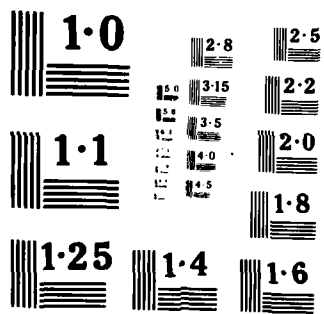
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GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.4	1.6	1.7	.5								7.3	5.0
NNE	1.3	.1	.1									1.6	2.6
NE	.8	.1										.9	2.6
ENE	.1											.1	3.0
E		.1										.1	4.0
ESE		.4										.4	6.0
SE	.8	.5	.1	.1								1.6	4.8
SSE	.4	.9	.4	.1								1.9	5.7
S	2.2	3.6	3.4	.7	.3							10.1	6.5
SSW	1.1	1.6	2.4	.4	.1							5.6	6.5
SW	1.5	.9	.1									2.6	3.4
WSW	.1	.4	.1									.7	5.0
W	1.2	.4										1.6	3.1
WNW	1.1	.1										1.2	2.8
NW	.4	.7	1.3									2.4	6.6
NNW	.7	1.1	3.9	.8								6.5	7.9
VARIABLE													
CALM	////////////////////////////////////											55.4	////
TOTALS	15.1	12.8	13.7	2.7	.4							100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.9	2.7	.4	.1							6.6	3.7
NNF	1.6	.4									2.0	2.5
NE	.9	.1									1.1	2.3
ENE		.5									.5	4.5
E	.3										.3	2.5
ESE												
SE	.3	.4	.4	.5							1.6	8.0
SSE	.1	1.2	.4								1.7	5.6
S	2.6	2.7	3.8	.5	.4						9.9	6.7
SSW	2.0	2.3	2.2	.1							6.6	5.3
SW	.9	.5	.3								1.7	4.4
WSW	1.1										1.1	2.6
W	.3	.1									.4	3.0
WNW	.4										.4	2.3
NW	.8	.9	.9								2.7	5.5
NNW	.7	1.1	3.2	.7							5.6	8.0
VARIABLE												
CALM	////////////////////////////////////										57.7	////
TOTALS	15.9	12.5	11.6	2.0	.4						100.0	2.3

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LEST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.1	1.6	2.6	.5							4.8	7.7
NNE	.9	.8									1.7	3.3
NE	2.0	.3									2.3	2.5
ENE	1.5	.7	.1								2.3	3.2
E	.7	.4	.1								1.2	3.8
ESE	.7	.7	.4								1.7	4.8
SE	.3	.8	.9								2.0	6.4
SSE	.5	1.1	.8	.1							2.6	5.8
S	3.0	5.2	4.2	.7	.1						13.2	6.0
SSW	2.3	2.2	2.7	.3							7.4	5.7
SW	1.9	1.6	.7								4.2	4.5
WSW	.9	.1									1.1	2.4
W	.9	.4									1.3	3.0
WNW	.3	.1									.4	3.3
NW	.4	.3	.8								1.5	5.7
NNW	.7	.8	2.3	.7							4.4	7.7
VARIABLE												
CALM	////////////////////										47.8	////
TOTALS	17.1	17.1	15.6	2.3	.1						100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 USAF/TAC FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/MAC

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JUL HOURS(1ST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	2.7	3.0	.1								7.1	6.2
NNF	.9	1.1										2.0	3.3
NF	.7	.5										1.2	3.3
ENE	.4	.4										.8	3.5
E	.4	.4	.3									1.1	4.6
ESE	.7	.5	.4									1.6	4.5
SE	.5	.9	.9	.1								2.6	6.1
SSE	.9	1.9	2.3	.4								5.5	6.3
S	4.0	7.8	5.8	1.5								19.1	6.0
SSW	2.2	6.0	4.7	.7								13.6	6.0
SW	2.8	3.4	.4									6.6	4.0
WSW	.7	1.6	.1									2.4	4.3
W	.9	.3										1.2	2.9
WNW	.4	.9										1.3	4.3
NW	.4	2.3	1.2									3.9	5.8
NNW	.4	3.2	5.4	.7								9.7	7.5
VARIABLE													
CALM	////////////////////											20.3	////
TOTALS	17.7	34.0	24.5	3.6								100.0	4.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
V	2.0	2.7	3.6	.5							8.9	6.1
NNE	.5	1.1	.4								2.0	4.9
N	1.1	.3									1.3	2.6
ENE	.1	.1									.3	4.0
E	.4	.3	.4								1.1	5.4
ESE	.8	.5	.1								1.5	3.7
SE	.3	1.1	1.1	.3							2.7	7.0
SSE	.7	.8	1.7	.1							3.4	6.3
S	2.7	8.5	8.3	1.6							21.1	6.5
SSW	2.8	6.6	6.2	1.1							16.7	6.3
SW	1.9	2.3	1.3	.1							5.6	5.0
WSW	.8	2.2	.5								3.5	4.7
W	1.1	1.1	.3	.1							2.6	4.7
WNW	1.6	.9	.3	.1	.1						3.1	4.8
NW	1.2	2.0	1.3		.1						4.7	5.7
NNW	1.7	5.0	4.3	.5							11.6	6.5
VARIABLE												
CALM	////////////////////////////////////										10.1	////
TOTAL	19.8	55.3	50.0	4.6	.3						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(EST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	3.0	1.7	.5	.1						7.3	6.0
NNE	.9	.4	.4	.1							1.9	4.4
NE	.1	.3									.4	3.7
NNE	.4	.4									.8	3.3
E		.8	.1								.9	5.6
ESE	.3	.5	.3	.3							1.3	6.7
SE	.4	1.3	1.6	.4							3.8	7.3
SSE	.5	1.5	1.5	.1							3.6	6.5
S	4.2	6.6	8.7	2.8	.1						22.4	6.9
SSW	1.5	5.6	6.9	2.0							16.0	7.5
SW	1.2	3.4	2.2	.1							6.9	5.5
WSW	.8	1.2	.8								2.8	5.2
W	.7	1.2	.9								2.8	5.6
WNW	.9	1.7	.1	.1							3.0	4.5
NW	.9	1.1	1.6	.1							3.8	6.2
NNW	1.5	5.1	4.6	.9	.1						12.2	6.8
VARIABLE												
CALM	////////////////////										10.1	////
TOTALS	16.3	34.1	31.5	7.7	.4						100.0	5.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPAPREVOMN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.5	2.9	2.1	.3								7.8	5.4
NNE	.6	.1	.1									.9	4.5
NE	.4	.3	.1									.9	3.7
ENE	.3	.3										.6	3.0
E													
ESE		.3										.3	5.5
SE	.6	.9	.9									2.3	5.5
SSE	1.5	1.0	1.5									4.0	5.5
S	4.3	7.8	6.9	1.0	.1							20.1	6.1
SSW	2.5	6.9	7.2	1.5	.3							18.4	6.7
SW	1.6	3.8	.9									6.3	4.5
WSW	1.3	.9		.1								2.3	3.8
W	1.8	.3	.1									2.2	2.9
WWW	.7	.6	.1									1.5	3.6
NW	1.3	1.2	1.3	.1	.3							4.3	6.4
NNW	.9	3.7	3.7	1.5								9.7	7.3
VARIABLE													
CALM	////////////////////											18.5	////
TOTALS	20.1	31.0	25.0	4.6	.7							100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 681

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(IST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	3.1	2.3	.1	.1						8.3	5.1
NNE	1.6		.1								1.7	2.5
NE		.1	.1								.3	6.0
ENE												
E												
ESE		.1									.1	6.0
SE	.2	.6	.7								1.4	6.7
SSE	.6	.4	.4								1.4	5.1
S	3.1	4.7	4.4	.7	.3						13.2	6.2
SSW	2.0	4.4	2.3	.9							9.5	6.0
SW	1.3	1.6	1.1								4.0	4.9
WSW	.6	1.0									1.6	3.9
W	1.6	.7									2.3	2.9
WNW	.1	.1									.3	3.0
NW	.9	1.6	1.4	.7							4.6	6.8
NNW	.9	2.0	3.0	1.6	.1						7.5	8.1
VARIABLE												
CALM	////////////////////										43.7	////
TOTALS	15.2	20.5	16.0	4.0	.6						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 712



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.2	2.5	2.7	.4	.0							7.2	5.6
NNE	1.1	.5	.2	.0								1.7	3.5
NE	.8	.3	.0									1.1	2.9
NNE	.4	.3	.0									.7	3.4
E	.2	.3	.1									.6	4.6
ESE	.3	.4	.2	.0								.9	5.0
SE	.4	.8	.8	.2								2.3	6.5
SSE	.6	1.1	1.1	.1								3.0	6.0
S	3.2	5.8	5.7	1.2	.2							16.1	6.4
SSW	2.0	4.4	4.3	.9	.1							11.7	6.4
SW	1.6	2.2	.9	.0								4.7	4.6
WSW	.8	.9	.2	.0								1.9	4.2
W	1.0	.6	.2	.0								1.8	3.8
WNW	.7	.6	.1	.0	.0							1.4	4.1
NW	.8	1.2	1.2	.1	.1							3.5	6.1
NNW	.9	2.7	3.8	.9	.0							8.4	7.3
VARIABLE													
CALM	////////////////////											33.0	////
TOTALS	17.1	24.6	21.0	3.9	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 5847

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.8	2.3	1.5	.4		.1	.3					9.4	5.1
NNE	1.3	.9	.5	.1								3.0	4.7
NE	.9	.5	.1									1.6	3.3
ENE	.5	.4										.9	3.0
E	.1	.4										.5	3.8
ESE	.7	.3										.5	4.0
SE	.3	1.1	.4	.3								2.0	6.4
SSE	.7	.5	.3									1.5	4.4
S	1.6	3.9	4.2	.8	.1	.1						10.8	6.9
SSW	.9	1.7	1.2	.3	.1							4.3	6.4
SW	.7	.8		.3								1.7	5.0
WSW	.1	.1										.3	4.0
W	.9	.4	.1									1.5	3.8
WNW		.4	.1									.5	6.0
NW	.7	.7	.7	.3								2.3	6.1
NNW	1.7	.4	1.6	.5	.4							4.7	7.3
VARIABLE													
CALM	////////////////////											54.4	////
TOTAL	15.7	14.9	10.8	3.0	.7	.3	.3					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(LST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	6.1	2.0	1.2	.1	.5	.1	.3					10.4	5.3
NNE	1.6	.5	.4	.1								2.7	3.8
NE	1.2	.7	.3									2.2	3.8
ENE	.1	.1	.1									.4	4.7
E		.3	.1									.4	5.3
ESE													
SE	.5	.9	.5									2.0	5.1
SSE	.5	.9	.4	.1								2.0	5.7
S	1.1	4.2	3.5	.7								9.4	6.6
SSW	1.2	1.3	.7	.4	.2							3.8	6.4
SW	.7	.9	.5									1.6	5.0
WSW	.1											.1	1.0
W	.1	.3	.1									.5	4.8
WNW	.1	.3	.1									.5	4.8
NW	.4	.8	.8	.1								2.2	6.4
NNW	1.7	.9	1.7	1.1								5.5	6.8
Variable													
Calm	////////////////////											56.3	////
TOTALS	15.6	13.7	10.6	2.7	.7	.1	.3					100.0	2.5

TOTAL NUMBER OF OBSERVATIONS: 743

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE /MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS: 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	1.3	1.7	.9	.1		.3					6.3	7.8
NNE	2.0	1.1	.9									3.5	3.9
NE	1.2	.8	.1									2.2	3.8
ENE	1.6	.3	.1									2.0	2.9
E	.5	.3										.8	3.2
ESE	.3											.3	2.5
SE	.7	.8	.8	.3								2.2	6.7
SSE	.5	.5	1.1									2.2	6.4
S	1.9	3.5	4.6	1.1								11.0	6.7
SSW	2.6	1.5	.9	.1								5.1	4.4
SW	1.3	.7	.1									2.2	3.5
WSW	.6	.4										.8	3.5
W	.7											.7	2.4
WNW	.1		.1									.3	5.5
NW	.7	.7	.1									1.1	5.0
NNW	.5	.5	1.7	.9			.1					3.9	9.4
CALM	////////////////////////////////////											55.6	////
TOTAL	15.1	12.4	12.0	3.4	.1		.4					100.0	2.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS (LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 56	TOTAL	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	5.8	2.9	2.8	1.8	.6	.4						14.3	6.7
NNE	1.4	1.2	1.0	.7	.4							4.7	7.4
NE	1.9	.6	.1									2.6	3.0
NNE	.6	.8	.1									1.5	3.6
E	.3	.1	.3	.1								.8	6.7
ESE	.1	.4		.3								.8	7.0
SE	.7	.6	.8					.1				2.2	7.0
SSE	.1	1.2	1.2	.6	.3	.3						3.7	9.6
S	2.4	3.2	1.5	1.4	.3	.1	.1					9.0	7.4
SSW	.7	.6	.6				.1					1.9	6.5
SW	.9	.6		.1								1.1	5.0
WSW	.1	.1	.1									.4	4.7
W	.1	.1										.3	3.5
WNW	.7	.8	.3	.1								1.9	4.8
NW	.6	1.5	1.5	.4								4.0	6.6
NNW	.3	1.1	2.2	.6	.3							4.4	8.6
VARIABLE													
CAUM	////////////////////											46.0	////
TOTAL	16.5	10.0	12.6	6.1	1.8	.8	.3	.1				100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 700

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.1	3.3	3.6	3.2	1.0	.1	.1					14.4	8.6
NNE	2.4	1.5	1.1	.1	.1							5.3	4.9
NE	1.1	.7		.1								1.9	3.6
ENE	.4	.4	.4									1.2	5.8
E	.4	.4		.1								1.0	4.3
ESE	.1	.1	.3	.1	.1							.8	9.3
SE	.4	1.1	.7	.7	.1		.1					3.6	8.2
SSE	.3	1.5	1.1	.4	.4	.1	.1					4.0	9.7
S	1.8	2.5	2.1	1.4	.1	.1	.1					8.2	7.6
SSW	1.4	2.4	1.0	.3			.1					5.1	6.0
SW	1.1	.8	.7									2.2	3.9
WSW	.7	.1										.8	2.7
W	.7	.3		.1								1.1	4.0
WNW	.4	.8	.3	.1								1.7	5.5
WW	1.0	2.1	1.4									4.4	5.7
NNW	1.1	2.9	2.1	1.7	.4							8.2	8.1
VARIABLE													
CALM	////////////////////											35.8	////
TOTALS	16.8	21.1	14.7	9.5	2.4	.4	.7					100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(IST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.0	4.3	5.0	2.1	.7	.1					13.2	8.6
NNE	2.6	1.2	.4	.4							4.7	4.5
NE	.6	1.0		.1							1.7	4.4
NNE	.6	1.0	.4	.3							2.2	6.0
E	.6	.4	.3								1.2	4.3
ESE	.1	.1	.3								.6	6.3
SE	.4	.8	1.5	.4	.6						3.7	9.6
SSE	.6	1.4	3.1	1.0	.4	.3					6.7	9.5
S	2.2	4.4	3.7	2.5		.1			.1		13.2	7.7
SSW	1.5	3.3	1.1	1.1			.1	.1			7.4	7.2
SW	1.4	1.8	.4		.1						3.7	4.6
WSW	1.0	.1									1.1	2.5
W	1.0	1.1	.6	.1							2.8	5.1
WNW	1.0	1.5	.7	.1							3.3	5.3
W	.6	2.9	2.1	.3							5.9	6.4
NNW	1.0	4.4	5.3	2.9	.1	.1					13.9	8.3
VARIABLE												
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	14.7	////
TOTALS	16.0	30.0	24.9	11.4	1.9	.7	.1	.1	.1		100.0	6.2

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRLOVHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(IST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.8	3.3	4.9	3.5	.7	.3					13.5	9.2
NNE	1.8	1.1	.6								3.5	4.3
NF	1.7	.8	.7								3.2	4.3
ENE	.8	1.5	.4	.1							2.9	4.7
E	.4	1.2	.6	.1							2.4	5.9
ESE	.1	.3	.1								.6	4.8
SE	.4	1.4	1.8	1.0	.3						4.9	8.5
SEF	1.1	3.5	1.5	.7	.3						7.1	6.9
S	2.4	4.6	4.4	2.2	.6						14.2	7.4
SSW	2.2	2.8	1.5	1.1							7.6	6.0
SW	2.4	2.2	.1	.3							5.0	4.3
WSW	1.0	.7	.4								2.1	4.5
W	1.0	.6	.6								2.1	4.3
WNW	1.0	.6	1.0	.3							2.8	5.7
NW	1.1	2.9	1.7	.4							6.1	5.7
NNW	.4	2.9	5.4	1.9							10.1	7.9
VEARLE												
CAIM	////////////////////										12.1	////
TOTALS	18.6	30.4	25.7	11.1	1.8	.3					100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(IST): 0900-1100

DIRECTION (DEGR, TSI)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.4	1.8	3.2	1.7	.4	.3					8.7	8.6
NNE	1.4	1.5	.3								3.2	4.3
NF	1.8	1.2	.3								3.3	3.8
ENE	2.4	1.1	1.1	.1							4.7	4.6
E	1.1	1.0	.1								2.2	3.6
ESE	.3	.8	.4								1.5	5.2
SE	1.0	.7	1.0	.3	.3						3.2	7.2
SSE	.3	2.1	1.5	.4	.1						4.4	7.5
S	3.3	3.9	5.0	1.4	.6		.1				14.3	7.2
SSW	1.7	2.5	.7	.4							5.3	5.3
SW	1.0	1.5	.4								2.9	4.3
WSW	1.2	.7	.1								2.1	3.3
W	.7		.4								1.1	4.5
WNW	.3	.8	.1								1.2	4.7
NW	.6	1.2	.8		.1						2.8	6.1
NNW	.7	1.4	3.7	2.1	.4	.1					8.1	9.9
VARIABLE												
CALM	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	30.8	////
TOTAL	18.6	22.4	19.3	6.4	1.9	.4	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAT  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 712150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.1	1.2	2.5	2.6	.8							9.3	9.0
NNE	2.6	1.4		.1								4.2	3.7
NE	2.8	1.5										4.3	3.1
NNE	1.0	.6	.3									1.9	4.2
E	.1	.6										.7	4.6
ESE	.1		.6	.1								1.0	7.6
SE	.1	1.0	1.2	.1	.4		.1					3.1	9.8
SSE	.4	1.0	.8	.3	.7							3.2	9.3
S	1.9	2.9	2.4	1.2	.1							8.6	7.0
SSW	.8	.8	.3	.3								2.2	5.5
SW	.3	.4										.7	3.6
WSW	.6	.1										.7	2.4
W	.6	.7										1.2	3.3
WNW	.6	.6	.4									1.5	4.6
NW	.1	.7	.4	.1								1.4	6.5
NNW	.3	1.5	2.8	1.7	.1	.1						6.5	9.5
VARIABLE													
CALM												49.6	////
TOTALS	14.6	15.0	11.7	6.7	2.2	.1	.1					100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(EST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.4	1.4	2.8	1.5	.4	.3						10.8	7.3
NNE	2.1	1.0	.6	.3								3.9	4.6
NE	2.1	1.5	.3									3.9	3.7
NNE	1.0	.8	.4									2.2	4.1
E	.3	.7	.1	.1								1.2	6.0
ESE		.4	.3	.3								1.0	7.9
SE	.1	.6	.6	.6	.4							2.2	10.5
SSE	1.0	1.5	1.0	.7	.3							4.4	7.4
S	1.7	1.5	1.9	.7	.4							6.2	7.2
SSW	.3	.6	.3	.3	.3							1.7	8.9
SW	.3	.3										.6	4.0
WSW	.1											.1	3.0
W	.1	.7	.1									1.0	4.4
WNW	.4	.6	.8									1.8	5.8
NW	.4	.7	.8	.1								2.1	6.5
NNW	1.0	.6	2.6	1.7	.3	.1						6.2	9.3
VARIABLE													
CALM	////////////////////											50.6	////
TOTALS	15.7	12.8	12.6	6.2	2.1	.4						100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: SEP HOURS(IST): 0000-0200

DIRECTION (OFGREIFS)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	4.4	3.2	1.8	2.1	1.1	.1					12.8	7.3
NNE	1.4	1.0	.3	.6	.1						3.3	6.1
NE	1.1	.8	.6	.3							2.8	5.6
NNE	1.2	.8									2.1	3.0
E	.3	.6	.1								1.0	4.7
ESE	.4	.3									.7	3.2
SE	1.2	.7	1.1	.6	.4	.3					4.3	8.6
SSE	.4	.8	.8	.6		.1					2.8	8.6
S	1.7	2.9	1.9	.7	.1	.1	.3				7.8	7.6
SSW	1.0	.3	.4								1.7	4.7
SW	.3	.7	.4								1.4	5.6
WSW	.4		.1								.6	4.0
W		.1	.3	.1							.6	8.8
WNW	.3	.1	.8								1.2	7.0
NW	.8	.8	1.0	.4							3.1	6.3
NNW	1.0	1.1	2.1	.6	.3						5.0	7.6
VARIABLE												
CALM	////////////////////////////////////										49.0	////
TOTALS	16.0	14.3	11.8	5.8	2.1	.7	.3				100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: AUG HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	3.0	2.4	.7	.2	.1	.3	.0			9.9	6.7
NNE	1.3	1.0	.4	.1	.0						2.8	4.3
NE	1.2	.7	.2	.1							2.2	3.8
NNE	.7	.4	.1								1.2	3.5
E	.4	.4	.1								.8	3.6
ESE	.1	.2	.1	.0							.4	5.5
SE	.4	.9	.9	.2							2.4	6.3
SSE	.7	1.1	1.1	.5	.0						3.4	6.8
S	2.4	5.1	4.9	1.3	.2	.0					13.9	6.8
SSW	1.4	2.5	2.4	.7	.1						7.6	6.5
SW	1.1	1.6	.7	.2							3.6	5.0
WSW	.5	.5	.1								1.1	3.9
W	1.1	.6	.1		.0						1.8	3.7
WNW	.6	.7	.2	.1							1.5	4.7
NW	1.0	1.3	.9	.1							3.5	5.3
NNW	1.3	2.1	2.9	1.0	.1		.0				7.6	7.3
VARIABLE												
CALM	////////////////////										36.5	////
TOTALS	18.0	22.0	17.4	5.0	.7	.2	.3	.0			100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 5951

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.8	3.2	1.9	.8	.1	.3	.1					12.2	5.6
NNE	2.3	1.5	.1									3.9	3.4
NE	.9	.9		.3								2.0	4.7
ENE	.4	.3	.1									.8	4.2
E			.1									.1	8.0
ESE			.3									.3	10.0
SE	.4	.8	.9	.3								2.4	6.9
SSE	.4	.9	.5	.4								2.3	7.1
S	5.1	4.0	3.4	1.2	.7							12.4	6.7
SSW	1.7	1.1	1.2	.7								4.7	6.4
SW	.9	.7	.3									1.9	4.1
WSW	.4	.3										.7	3.4
W	.4	.1	.1									.7	4.0
WNW		.3	.1	.1								.5	8.0
NW	.3	.4	.3									.9	5.4
NNW	1.6	1.6	3.0	1.9	.1							8.2	8.0
VARIABLE													
CALM	////////////////////											46.0	////
TOTALS	18.5	16.1	12.4	5.6	.9	.3	.1					100.0	3.3

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(IST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.3	3.0	2.6	1.3	.1	.1	.3					9.7	7.7
NNE	1.2	1.2	.7	.1								3.2	5.0
NE	1.3	.7	.3	.1								2.4	4.3
ENE	.5											.5	2.8
E	.4	.1	.1									.7	3.8
ESE	.1	.3										.4	4.3
SE	1.7	.8	.8	.1								3.0	5.0
SSE	.8	1.5	1.1	.7								4.0	6.7
S	2.2	6.6	4.3	2.0	.5	.1						15.7	7.3
SSW	2.3	2.6	3.1	1.2								9.1	6.6
SW	.8	1.1	1.1									3.0	5.2
WSW	.8	.3	.4									1.5	4.1
W	.9	.7	.1									1.7	3.5
WNW	.7	.5	.1	.1								1.5	5.0
NW	2.7	1.9	1.3	.3								6.2	5.0
NNW	2.0	4.2	3.6	1.3	.3							11.4	7.0
VARIABLE													
CALM	////////////////////////////////////											25.8	////
TOTALS	20.3	25.3	19.6	7.4	.9	.3	.3					100.0	4.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.5	4.0	3.6	1.3	.1	.3	.1					11.0	7.7
NNE	.8	1.2	.1		.3							2.4	5.6
NE	1.1	.3	.3									1.6	3.3
ENE	1.1	.9										2.0	3.4
E	.3	.5										.8	3.7
ESE	.1	.3		.1								.5	6.0
SE	.3	3.3	3.2	.1								3.0	6.5
SSE	.5	1.3	2.0	1.1	.1							5.1	8.3
S	2.6	5.5	6.5	2.2	.5							17.2	7.6
SSW	1.6	3.2	3.1	2.2	.4							10.5	7.7
SW	1.2	3.2	2.0	.5								7.0	6.2
WSW		.9	.1									1.1	5.1
W	2.6	1.3	.1		.1							4.2	3.8
WNW	1.9	.8	.4	.1								3.2	4.1
NW	1.6	3.2	2.0	.3								7.1	5.5
NNW	1.6	3.9	4.4	1.2	.3							11.4	7.1
VARIABLE													
CALM	////////////////////											11.8	////
TOTALS	18.7	37.1	25.9	9.1	1.9	.3	.1					100.0	5.9

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.9	4.2	4.0	.5	.3	.3	.1					11.3	7.5
NNE	.5	.5	.3									1.3	4.6
NE	1.6	.7										2.3	2.9
NNE	.4	.4										.8	3.8
E	1.1	.7										1.7	2.8
ESE	.3	.1	.1									.5	5.0
SE		1.2	1.1	.3								2.6	7.2
SSE	1.7	1.9	1.5	.8	.1							5.5	6.7
S	2.8	6.9	7.4	1.3								18.4	6.6
SSW	2.0	5.2	5.0	.7								12.9	6.6
SW	1.6	4.0	1.1	.4								7.1	5.1
WSW	.3	1.3	.3									1.9	4.9
W	1.6	.9	.3									2.8	4.0
WNW	1.6	1.5	.3									3.4	4.2
NW	1.9	2.0	1.2	.1								5.2	4.8
NNW	.5	3.6	5.2	.3								9.7	6.9
VARIABLE													
CALM	////////////////////											12.5	////
TOTALS	19.4	35.2	27.7	4.4	.4		.3	.1				100.0	5.3

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPAARREVUHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.7	3.9	2.6	.3	.1		.4					9.0	7.0
NNE	.7	.9	.4									2.0	4.5
NE	1.1	.7	.4									2.2	3.9
NNE	.8	.8	.1									1.7	4.2
E	.5	.5	.1									1.2	3.8
ESE		.4	.1	.1								.7	7.0
SE	.5	.3	1.5	.1								2.4	6.9
SSE	1.2	1.5	1.6	.7								5.0	6.4
S	3.6	6.2	5.1	1.5								16.4	6.1
SSW	2.4	3.5	3.9	.4								10.2	5.9
SW	1.0	1.6	.8									4.3	4.1
WSW	1.7	.8	.1									2.7	3.1
W	1.3	.8	.1									2.3	3.2
WNW	.7	1.5	.1	.1								2.4	4.7
NW	.5	1.1	1.1									2.7	5.7
NNW	.9	1.6	2.2	.9								5.6	7.4
VARIABLE													
CALM	////////////////////											29.2	////
TOTALS	19.8	26.1	20.7	4.2	.1		.4					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS (LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.9	2.7	3.3	2.3	.7	.2	.0				12.1	8.1
NNE	2.0	1.2	.5	.3	.1						4.1	5.0
NE	1.6	1.0	.2	.1							3.0	3.9
ENE	1.0	.9	.4	.1							2.3	4.5
E	.4	.6	.2	.1							1.3	4.9
ESE	.2	.3	.2	.1	.0						.9	6.5
SE	.6	.9	1.1	.5	.3	.0	.0	.0			3.4	8.7
SSE	.5	1.6	1.4	.6	.3	.1	.0				4.5	8.4
S	2.2	3.2	2.9	1.4	.3	.1	.1		.0		10.2	7.4
SSW	1.2	1.6	.7	.4	.0		.1	.0			4.1	6.2
SW	.9	1.0	.2	.1	.0						2.2	4.4
WSW	.6	.2	.1								1.0	3.5
W	.5	.5	.2	.1							1.3	4.6
WNW	.6	.7	.6	.1							1.9	5.4
NW	.6	1.6	1.2	.2	.0						3.7	6.1
NNW	.7	2.0	3.3	1.6	.2	.1					7.8	8.6
VARIABLE												
CALM	////////////////////										36.1	////
TOTALS	16.5	20.2	16.6	7.8	2.0	.5	.2	.0	.0		100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 5750

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: OCT HOURS(EST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	2.2	2.2	1.9	1.1	.3					9.5	9.1
NNE	3.2	3.1	.4	.1							6.9	3.9
NE	1.9	2.6	.7	.1							5.2	4.4
ENE	.4	.3	.7	.4	.1						1.9	9.1
E	.5	1.1	.3	.1	.3						2.3	6.9
ESE		.5	.5	.3		.4					1.7	12.0
SE	.5	.8	.8	.5	.1	.1					3.0	8.3
SSE	.7	.7	.4	.1							1.9	5.6
S	.8	1.5	2.0	.8	.1		.1				5.4	8.5
SSW		.8	.8	.1							1.7	7.3
SW	.4	.1	.3	.1	.1						1.1	8.1
WSW		.1									.1	4.0
W	.4	.1	.1								.7	3.8
WNW	.4	.9	.5		.1						2.0	6.2
NW	.4	.8	.8	.9							3.0	8.5
NNW	.9	1.2	1.7	1.6	.8	.3	.4				7.0	11.4
VARIABLE												
CALM	////////////////////										46.6	////
TOTALS	12.8	16.8	12.2	7.3	2.8	1.1	.5				100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(IST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.9	2.2	2.8	1.6	.9	.3					9.7	8.9
NNE	2.8	2.6	.9	.1							6.5	4.6
NE	2.0	2.2	.4		.1						4.7	4.4
ENE	1.1	1.5	.4			.1					3.1	5.5
E		.5			.1	.4					1.1	14.0
ESE	.3	.8	.5		.1	.3					2.0	8.7
SE	.3	1.1	.8	.1	.1						2.4	7.2
SSE	.5	.1	.5	.1		.1					1.5	7.7
S	.5	1.5	1.7	.5	.3		.1	.3			5.0	10.0
SSW	.5	.7	.3	.1							1.6	5.5
SW	.5	.1	.3								.9	4.6
WSW	.3	.1									.4	3.7
W	.9	.1	.1								1.2	3.0
WNW	.4	.8	.4	.1							1.9	5.9
NW	.5	.4	1.1	1.2							3.2	9.0
NNW	.9	.5	2.8	.9	1.1	.4					6.5	10.8
VARIABLE												
CALM	////////////////////										48.4	////
TOTALS	13.4	15.2	13.2	5.0	2.8	1.6	.1	.3			100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(151): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.3	1.6	3.9	1.9	.3	.3						9.3	8.9
NNE	2.3	.9	.4									3.6	3.9
NE	2.6	1.6	.7				.1					5.0	4.5
ENE	1.3	1.5	.4	.1								3.4	4.6
E	.5	.8	.5	.4	.1	.3						2.7	9.1
ESE	.1	.1	.4									.7	7.0
SE	.1	.4	.8	.8	.1							2.3	9.8
SSE	.9	.3	.1	.3								1.6	4.9
S	.8	.9	1.2	1.3		.1						4.4	8.6
SSW	.1	.7	.8									1.6	6.8
SW	.3	.5	.4	.1								1.3	5.9
WSW	.4	.4	.1									.9	4.1
W	.8	.7	.1									1.6	4.0
WNW		.4	.1	.1								.7	6.6
NW	.4	.9	2.0	.7								4.0	7.9
NNW	.3	.9	3.1	2.4	.7	.4	.1					7.9	11.4
VARIABLE													
CALM	////////////////////											48.0	////
TOTALS	12.4	12.8	15.2	8.2	1.2	1.2	.1					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(151): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.3	1.9	3.2	2.2	.5						8.1	9.8
NNE	1.3	1.6	.8	.1							3.9	4.8
NE	2.2	1.5	.8		.1						4.6	4.6
NNE	1.1	1.6	.3	.1							3.1	4.8
E	.9	.9	.4		.1						2.4	5.2
ESE	.1	.4	.5	.8							1.9	10.3
SE	.8	.5	.9	1.1	.3						3.6	8.9
SSE	.3	.5	.8	.5	.3						2.4	9.5
S	2.0	2.3	2.4	.4	.1						7.3	6.1
SSW	.9	.9	.7	.1							2.7	5.3
SW	.9	.7	.4								2.0	4.2
WSW	.3										.3	2.0
W	.4	1.1	.4	.3							2.4	5.4
WNW	.5	1.1	.1								1.7	4.5
NW	.3	1.2	1.3	.3							3.1	6.8
NNW	.7	.7	3.5	2.0	.7	.1					7.7	10.2
CALM	////////////////////////////////////										42.9	////
TOTALS	15.0	17.2	16.7	7.9	2.2	.1					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-94  
MONTH: OCT HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40		
N	.7	3.2	3.2	2.8	.7	.3	.1		11.0	9.7
NNE	1.3	1.5	.5		.1				3.5	4.8
NE	3.0	1.6	.3						4.8	3.6
NNE	1.9	1.5	.4	.3					4.0	4.3
E	1.6	1.6	1.1	.3					4.6	5.3
ESE	.7	1.1	.5		.1				2.4	5.9
SE	.3	1.3	1.1	.5	.7				3.5	8.1
SSE	1.1	1.5	1.1	.5	.3				4.4	7.2
S	1.7	4.0	3.2	1.1	.1				10.2	6.6
SSW	1.2	.9	1.3	.3					3.9	6.0
SW	.9	.9	.4						2.3	4.5
WSW	.4	.4							.8	3.7
W	2.3	.7	.1						3.1	3.2
WNW	.4	.9	.4						1.7	4.6
NW	.9	1.3	.7	.4					3.4	6.0
PNW	.3	1.2	4.4	2.4	.5	.4			9.3	10.7
VARIABLE										
CALM	////////////////////								27.2	////
TOTAL	18.7	23.8	18.8	4.6	2.2	.7	.3		100.0	5.0

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAF/AFM  
AIR WEATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARGELVORN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(UTC): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.6	3.1	4.2	2.3	.7	.7					12.5	9.2
NNE	1.1	1.2	.9	.5	.1						4.2	6.5
NE	2.2	.9	.7	.1							3.9	4.3
NNE	1.1	2.2	.7								4.2	4.8
E	1.1	1.9	.9								3.9	4.6
ESE	.1	.9	.3	.1				.1			1.1	10.5
SE	.9	1.3	1.3	1.1	.9						5.1	8.4
SSE	.8	.5	.7	.8	.3	.1					3.2	8.9
S	2.6	3.2	2.8	2.3	.3	.1					11.3	7.6
SSW	.7	.9	.8	.9							2.7	6.5
SW	.9	.9	.3								1.6	4.1
WSW	.1	.3									.4	4.3
W	.7	.7	.1								1.5	3.8
WNW	.5	.7	.3								1.5	4.7
NW	1.5	.8	1.2	.1							3.6	5.4
NNW	.9	.9	3.9	2.2	.5	.3	.3				7.9	11.2
VARIABLE												
CALM	////////////////////										32.0	////
TOTALS	16.8	19.4	18.0	9.9	2.3	1.2	.3	.1			100.0	5.1

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(1511): 1800-2000

DIRECTION (DEGR, FSI)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.4	2.4	2.7	5.0	1.1	.4						12.9	8.8
NNE	1.9	2.2	1.1	.1	.1							5.4	5.0
NE	2.4	.9	.7	.1								4.2	4.0
NNE	1.6	1.1		.3								3.0	4.3
E	.1	.1	.5	.1								.9	7.1
ESE	.3	.4	.5	.1		.3						1.6	9.3
SE	.7	1.3	1.3	.8	.8	.1	.1					5.2	10.2
SSE	.3	1.3	.5	.4	.1		.1	.1				3.0	10.2
S	.4	1.5	3.4	.5	.4							6.2	8.6
SSW	.8	.9	.7	.1								2.6	5.5
SW	.1	.4	.1									.7	5.2
WSW	.7	.1										.8	2.7
W	.5	.4										.9	3.3
WNW	.4	.5		.1								1.1	4.5
WW	.3	.8	.4	.5	.1							2.2	7.9
WNW	.4	.9	3.0	2.7	1.1	.1	.3	.1				8.6	12.0
VARIABLE													
CALM	////////////////////											40.9	////
TOTALS	19.2	15.5	14.9	9.0	3.8	.9	.5	.1				100.0	4.8

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(LST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	5.6	1.2	3.0	3.0	1.1	.5						12.4	9.3
NNE	1.9	1.3	.8	.4								4.4	4.9
NE	2.7	1.3	.3	.1								4.4	3.5
NNE	1.2	1.1	.3	.4								3.0	5.2
E	.5	.9	.5	.1	.1							2.3	6.3
ESE	.3	.4	.7	.3	.1	.3						2.0	10.5
SE	.7	.4	.9	.9	.5							3.5	10.1
SSE	.4	.7	1.2	.3	.1							3.1	7.2
S	1.1	2.2	2.7	.5	.3							6.7	7.3
SSW	.7	.8	1.2	.1								2.4	6.4
SW	.4	.3		.1								.8	5.2
WSW	.3	.1		.1								.5	6.0
W	.1	.1	.3									.5	6.5
WNW	.8	.5		.1								1.5	4.2
NW	.8	.1	.9		.1							2.0	6.5
NNW	.4	1.7	3.2	2.3	.8		.3	.1				8.5	11.1
VARIABLE													
CALM	////////////////////////////////////											41.9	////
TOTALS	15.9	12.9	16.0	8.9	3.2	.8	.3	.1				100.0	4.5

TOTAL NUMBER OF OBSERVATIONS: 744

METEOROLOGICAL BRANCH  
 DISAPETAC  
 AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 20250 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(LST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	1.8	2.2	3.1	2.3	.8	.3	.0				10.7	9.2
NNE	2.0	1.8	.7	.2	.1						4.8	4.7
NW	2.4	1.6	.6	.1	.0	.0					4.6	4.2
ENE	1.2	1.1	.4	.2	.0	.0					3.2	5.1
E	.7	1.0	.5	.1	.1	.1					2.5	6.6
ESE	.2	.5	.5	.2	.1	.2		.0			1.7	9.2
SE	.5	.9	1.0	.7	.3	.0	.0				3.6	9.0
SSE	.7	.7	.7	.4	.1	.0	.0	.0			2.6	7.9
S	1.2	2.1	2.4	.9	.2	.0	.0	.0			7.1	7.7
SSW	.6	.8	.8	.2							2.4	6.1
SW	.5	.4	.3	.1	.0						1.3	5.0
WSW	.7	.2	.0	.0							.5	3.8
W	.8	.5	.2	.0							1.5	4.0
WNW	.4	.7	.2	.1	.0						1.5	5.1
NW	.6	.8	1.1	.5	.0						3.1	7.2
NNW	.5	1.0	3.1	2.0	.8	.3	.2	.0			7.9	11.1
VARIABLE												
CALM	////////////////////////////////////										41.1	////
TOTAL	19.6	16.7	15.6	8.1	2.6	1.0	.3	.1			100.0	4.4

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATELOGY BRANCH  
USAFETAC  
AIR FATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARRVORN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS: 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.4	1.7	.4	.6	.3	.1					6.4	5.3
NNE	2.7	.6	.8								4.1	3.9
NE	2.5	1.5	.6								4.6	3.6
NNE	1.7	1.8	.4	.1							4.1	4.5
E	.1	1.3	.7	.4	.3						2.8	4.7
ESE	.3	1.1	.3	.3							2.0	6.5
SE	.7	.7	1.1	2.1	.4						5.0	10.6
SSE		.7	2.2	.7	1.1	.1					4.9	11.7
S	1.1	1.5	1.4	1.5	.3						5.9	9.2
SSW	.6	.6	.6	.6	.3						2.8	9.1
SW		.6									.6	4.8
WSW	.7	.1	.1								.6	4.0
W		.1	.4	1.0	.1						1.7	12.8
WNW	.6	.6									1.1	3.4
NW	.8	.4	.7								2.0	5.4
NNW	1.7		1.0	.7		.1					3.1	8.2
VARIABLE												
CALM	////////////////////////////////////										48.5	////
TOTAL	16.0	17.3	11.1	4.0	2.8	.4					100.0	3.7

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(IST): 0100-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.8	.8	1.5	.8	.1	.1					7.3	5.8
NNE	1.4	1.3	.4								3.1	3.7
NE	2.5	1.5	.8								4.9	4.1
NNE	.4	1.0	.8	.3							2.5	6.6
E	.7	.8	.3	.3							2.1	5.7
ESE	.1	.7	.4	.3		.1					1.7	8.3
SE	.7	1.1	1.4	1.1	.8	.3					5.3	10.6
SSE		.8	1.4	1.1	.4	.1	.1	.1			4.2	12.4
S	.4	1.3	2.7	1.7	.6						6.6	9.5
SSW	1.0	1.0	1.0	.4	.3	.1					3.8	8.2
SW	.4	.6									1.0	3.6
WSW	.3		.3								.6	4.8
W	.3	.4	.4	.4	.1	.1					1.8	9.9
WNW		.3	.1								.4	6.7
NW	.4	.1	.6								1.1	5.5
NNW	1.1	.3	.6	.8	.1						2.9	7.9
VARIABLE												
CALM	////////////////////										50.7	////
TOTAL	13.6	12.0	12.7	7.3	2.5	.8	.1	.1			100.0	33.8

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATELOGY BRANCH  
ONAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702353 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(LST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55			
N	3.9	.6	1.1	1.0	.4	.1						7.0	6.5
NNE	2.1	1.7	.7	.1								4.6	4.5
NE	2.0	1.5	.3									3.8	3.9
ENE	1.5	.6	.7									2.8	4.4
E	.1	.6	.3									1.0	5.3
ESE	.1	1.1	.6	.1		.3	.1					2.4	10.0
SE	.4	.7	1.7	.8	.6	.6	.1					4.9	11.7
SSE	.1	1.4	1.8	.4	.6		.1					4.6	9.9
S	1.7	.4	3.1	1.3	.1	.1						7.1	4.3
SSW	.8	.4	.6	.4	.1							2.8	7.1
SW	.1	.7	.1									.6	4.1
WSW	.3	.1										.4	3.3
W	.1	.8		.8								1.8	8.6
WNW	.1		.3									.4	6.0
NW	.1	.6	.1	.1								1.0	6.1
NNW	.8	.3	.7	.6	.6							2.9	9.3
VARIABLE													
CALM	////////////////////////////////////											52.0	////
TOTALS	14.5	11.9	12.0	5.7	2.4	1.1	.4					107.0	8.8

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATELOGY BRANCH PER CENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 UNAFFILIATED FROM HOURLY OBSERVATIONS  
 AIR WEATHER SERVICE/ZMA:

STATION NUMBER: 702350 STATION NAME: SPARRIVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(EST): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.4	1.0	.6	1.1	.3	.1						4.5	8.3
NNE	.6	.7	.8	.1								2.2	5.6
NE	2.7	1.3	.9	.1								4.5	4.2
NNE	1.4	1.0	.7	.9								3.5	5.6
E	.9	1.0	.4	.1								2.0	5.4
ESE		.3	.7	.1			.3					1.4	13.1
SE		.7	2.5	.6	.1	.8	.3					5.0	12.7
SSE	.4	2.1	1.3	.8		.3						4.9	9.5
S	1.0	2.0	1.5	1.5	.6	.1						6.7	9.4
SSW	.4	.3	.7	.1								1.5	7.0
SW	.7	.3	.1	.1								1.3	4.7
WSW	.3		.1									.4	4.7
W	.7	.1	.6									1.0	6.6
WNW	.7	.1	.1									.4	5.0
NW	.1	.3	.3	.1								.8	7.2
NNW	.1	.4	1.0	.7	.1							2.4	9.3
VARIABLE													
CAUM	////////////////////											57.4	////
TOTAL	10.0	11.5	11.9	6.2	1.1	1.4	.6					105.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 713



GLOBAL CLIMATOLOGY BRANCH  
USAFETAP  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARRFVQHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(EST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.4	.8	1.0	.9	.7	.4	.1	.0	.0		6.4	9.3
NNE	1.4	1.0	.5	.0	.0						3.0	4.4
NE	2.0	1.0	.8	.1	.0						4.8	4.6
ENE	1.3	1.6	.4	.1	.0						3.4	4.8
E	.6	.8	.5	.1	.0						2.0	5.7
ESE	.3	.5	.2	.1		.0	.0				1.2	5.8
SE	.4	.7	.9	.6	.4	.2	.1	.0			3.2	10.4
SSE	.4	1.1	.9	.7	.3	.2					3.5	9.1
S	1.1	1.8	2.6	1.1	.4	.0					7.0	8.2
SSW	.4	1.1	1.1	.3	.1	.0					3.5	6.9
SW	.5	.6	.3	.1	.0						1.5	5.5
WSW	.3	.2	.2	.1	.0						.8	6.5
W	.3	.5	.4	.1							1.3	6.1
WSW	.2	.3	.2	.1	.1		.0				.7	7.4
NW	.3	.4	.3	.2	.1	.0					1.3	7.1
NNW	.5	.4	.1	.8	.2	.3	.1	.1			2.9	11.8
UNAVAILABLE												
CALM	////////////////////										53.5	////
TOTALS	12.8	13.6	10.8	5.3	2.5	1.1	.2	.1	.0		103.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 5870

GEOPAL CLIMATOLOGY BRANCH  
USAFETAG  
AIR WEATHER SERVICE/MAZ

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(SET): 2100-2300

DIRECTION (DEGR 15)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.8	.8	.3	1.0	.4	.6	.1					6.0	8.5
NNE	1.7	.6	.3									2.5	3.4
NE	.9	1.8	.6									3.2	4.9
ENE	1.7	1.5	.4	.1								3.8	4.4
E	1.0	.3	.4									1.7	4.3
ESE	.3	.4	.6									1.3	5.7
SE	.4	1.3	1.5	.6	.3	.1	.1					4.3	9.3
SSE	.7	1.5	1.0	1.0	.1	.4						4.7	9.2
S	.8	1.4	2.2	.4	.8							6.1	8.4
SSW	1.0	1.3	.8		.4							3.5	6.7
SW	.7	.6	.4	.3								2.0	6.2
WSW		.3	.3	.3	.3							.6	10.3
W	.4	.6	.6	.1								1.7	5.8
WNW	.3	.3	.3	.3								1.0	8.1
NW	.3	.3		.1								.7	4.8
NNW	.8	.8	.6	.4		.6	.1	.1				3.5	11.1
VA=14913												53.5	////
CALM												53.5	////
TOTAL	14.7	14.8	10.1	4.5	2.2	1.7	.4	.1				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATOLOGY BRANCH  
USAFETAL  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARRIVONN AFS AR

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-63	
N	5.1	1.3	.9	.7	.7	.6	.1	.1			7.5	8.7
NNE	1.9	1.1	.6								3.5	4.0
NE	2.6	1.8	.7								4.7	3.8
NNE	1.9	1.7	.1	.1							3.9	4.1
E	.3	.7	.9								1.9	5.5
ESE	.3	1.1	.3								1.7	5.1
SE	.3	.7	1.0	.6	.1	.1					2.8	9.2
SSE	.6	1.1	.9	1.3	.3						4.1	4.7
S	1.1	1.8	2.6	1.9	.9	.1					7.5	4.5
SSW	.9	1.1	.7	.1							2.9	5.9
SW	.7	1.0	.3								2.0	4.1
WSW	.7	.9	.7	.1							1.6	5.2
W	.3	.9	.1	.1							1.0	5.1
WNW		.7									.7	4.8
WW	.6	1.0	.9	.3							2.3	5.1
NNW	.1	.3	.9	1.0		.1					2.0	11.9
VARIABLE											51.3	////
CALM											100.0	3.3
TOTALS	19.7	16.5	9.2	5.8	1.6	1.0	.1	.1				

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-93  
MONTH: DEC HOURSECT1: 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND KNOTS
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.0	.7	.7	.9	.7			.1	.1		5.3	9.5
NNE	.9	1.5	.1	.1							2.7	4.3
NE	2.7	2.6	1.2	.1	.1						6.7	4.9
NNE	2.0	2.7	.4		.1						5.3	4.6
E	.8	1.3	.3	.1							2.6	5.2
ESE	.5	.5	.3								1.3	4.5
SE	.1	.5	.7	.5	.3	.3					2.4	11.2
ESE	.3	1.2	.7	.9	.1						3.2	8.6
S	1.8	.8	2.4	.8	.9						6.7	4.6
SSW	.4	1.1	1.6	.5							4.0	7.1
SW	.4	.5	.4								1.3	4.8
WSW	.1	.3	.4								.8	6.3
W	.3	.3	.3	.1							.9	6.0
WNW	.3	.1	.1								.5	5.0
WM	.3	.3	.8								1.3	6.3
NNW	.9	.3	.5	.8	.3	.3		.1			3.2	11.0
VARIABLE												
CALM	////////////////////										51.4	////
TOTALS	14.3	14.7	10.9	5.1	2.6	.5		.3	.1		100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(EST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	.4	.5	1.5	1.2	.4	.1					4.2	10.3
NNE	.9	.8	.9								2.7	5.4
NE	2.0	2.3	.3		.1						4.7	4.5
NNE	1.5	2.0	.3	.3							4.0	5.0
E	.9	.3	1.2	.1							2.6	6.3
ESE	.4	.5	.3	.1		.1					1.5	7.1
SE	.9	.8	.3	.5	.1	.4					3.1	8.8
SSE	.7	.9	1.3	.7	.4	.3					4.3	10.0
S	1.1	2.0	2.8	.9	.1						6.9	7.7
SSW	.8	1.7	1.5	.9	.1						4.6	6.8
SW	.3	.4	.4								1.1	5.3
WSW	.5	.3	.3	.1							1.2	5.3
W		.4	.3								.7	6.2
WNW	.3	.1	.1		.1						.7	6.8
NW	.3		.5	.1							.9	8.0
NNW	.3		.3	.9	.3	.5	.1	.1			2.6	16.7
VARIABLE												
CALM	////////////////////										54.4	////
TOTALS	11.9	13.2	12.2	5.4	1.7	1.5	.1	.1			100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(UTC): 0900-1100

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	.4	.9	.8	.8	.7					6.2	9.4
NNE	1.3	1.6		.1							3.1	4.0
NE	2.7	1.8	1.2	.1							5.8	4.5
ENE	1.8	.9	.3	.1	.1						3.2	4.9
E	.4	.9	.4		.1						1.9	6.6
ESE	.4	.5	.1				.1	.1			1.2	6.7
SE	.1	.3	1.2	.8	.5	.1	.1	.1			5.4	13.5
SSE	.1	.8	.9	.4	.3	.1					2.7	9.7
S	1.5	2.7	3.0	1.1							8.2	7.0
SSW	.9	1.1	.8	.4	.1	.1					3.5	7.1
SW	.4	.3	.1								.8	4.2
WSW	.1		.4								.5	8.0
W		.4	.3	.3							1.3	6.3
WNW		.1		.1	.1						.4	12.7
NW		.4	.1	.3							.8	7.8
NNW	.3	.3	.7	.8	.7	.1					2.8	12.6
VARIABLE												
CALM	////////////////////										54.0	////
TOTALS	11.1	12.6	10.5	5.4	2.8	1.2	.3	.1			100.0	3.5

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(1ST): 0600-0800

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	2.6	.8	.9	1.1	1.3	.5	.1					7.4	10.2
NNE	1.2	1.1	.8		.3							3.4	5.6
NE	2.3	1.2	1.3	.1								5.0	4.8
NNE	.5	1.1	.3	.1								2.0	5.3
E	.5	.8	.3									1.6	4.8
ESE	.1		.1	.1								.4	9.0
SE	.1	.7	1.5	.4	.8	.1	.1					3.8	11.9
SSE	.5	.9	.8	.5								2.8	6.9
S	.7	2.2	1.6	1.2	.4							6.1	8.4
SSW	.8	.8	.9	.4	.4							3.4	7.7
SW	.4	1.3	.3	.3								2.3	5.4
WSW	.3	.3	.1	.1								.8	6.2
W	.4	.7	.9	.1								2.2	6.6
WNW		.1	.5									.7	7.8
NW	.1	.5	.1	.3		.1						1.2	8.7
NNW	1.1	.5		.8	.5	.1						3.1	9.8
VARIABLE													
CALM	////////////////////											53.8	////
TOTALS	11.7	13.1	10.7	5.7	3.8	.9	.3					100.0	3.6

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(1ST): 0300-0500

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	3.7	.7	1.5	.9	.4	.7	.1					7.6	8.7
NNE	1.5	.4	.8									2.7	4.3
NE	1.1	1.9	.4									3.4	4.4
NNE	.7	1.2	.7									2.6	5.0
E	.4	1.5	.9	.1								3.0	6.1
ESE	.1	.3	.1	.1								.7	7.2
SE	.9	1.2	.5	.7	.1							3.5	7.2
SSE	.3	.9	.8	.4	.5	.3						3.2	10.7
S	.7	1.1	2.6	1.6	.7							6.6	9.3
SSW	.9	1.2	.9	.7								3.8	6.8
SW	.5	.3	.3	.3								1.3	1.9
WSW	.3	.1	.1	.1								.7	6.0
W	.3	.7	.5	.1								1.6	6.4
WNW	.3	.4	.3									.9	4.9
NW	.4	.3	.1	.1	.3							1.2	8.7
NNW	.5	.4	.5	.9		.4						2.8	11.1
VARIABLE													
CALM	////////////////////											54.4	////
TOTALS	12.1	12.6	11.2	6.2	2.0	1.3	.1					100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 741



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(1ST): 0000-0200

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.6	.9	1.1	.8	1.1	.9	.1				7.0	9.3
NNE	1.6	.8	.8								3.2	4.3
NE	1.5	2.3	.9								4.7	4.8
NNE	1.2	1.2	.4	.3							3.1	5.0
E	.3	.8	.3		.1						1.5	6.2
ESE	.4	.8	.1								1.3	4.3
SE	.5	.1	.3	.4	.7	.3					2.3	12.5
SSE	.1	1.1	.8	.3	.3	.1					2.7	8.9
S	.9	2.2	3.2	1.6	.1						8.1	8.0
SSW	.5	.8	1.3	.1							2.8	6.3
SW	.3	.4	.4	.3	.1						1.5	7.9
WSW	.1			.1	.1						.4	10.3
W	.4	.3									.7	3.4
WNW	.1	.3	.1		.1		.1				.8	10.8
WW	.4	.4	.5	.3	.1						2.2	6.9
NNW	.3	.4	1.2	.5	.1	.1	.1				2.8	11.1
VARIABLE												
CALM	////////////////////										54.8	////
TOTAL	11.7	12.8	11.6	4.7	3.0	.9	.4				100.0	3.4

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(LEST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	3.2	1.2	1.0	.9	.4	.1	.0				6.8	6.6
NNE	1.6	1.0	.7	.1	.0						3.5	4.6
NE	2.7	1.7	.5	.1	.0						5.0	4.0
NNE	1.5	1.2	.8	.2							3.8	5.1
E	.3	.8	.5	.2	.1	.1					2.0	7.8
ESE	.2	.6	.4	.2	.1	.1	.1				1.6	9.6
SE	.4	.8	1.5	1.1	.5	.3	.2		.3		4.8	11.8
SSE	.3	1.0	1.5	.9	.4	.1	.1	.1	.0	.0	4.6	11.6
S	1.0	1.5	2.5	1.5	.4	.1		.1			7.1	9.1
SSW	.7	.9	.8	.3	.1	.0					2.8	7.1
SW	.3	.5	.1	.0							.9	4.3
WSW	.2	.1	.1								.4	4.7
W	.3	.3	.3	.3	.0	.0					1.3	8.0
WNW	.2	.3	.2	.2	.1	.0					1.1	8.5
NW	.3	.4	.3	.2							1.2	6.5
NNW	.8	.3	.7	.5	.2	.0					2.5	8.0
VARIABLE												
CALM	////////////////////										50.8	////
TOTALS	14.0	12.6	11.9	6.7	2.4	.8	.4	.1	.1	.0	100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 5678

JOINT CLIMATOLOGY BRANCH  
 CASPER, WY  
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 70250 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: NOV HOURS(EST): 2100-2300

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-5	6-10	11-15	16-20	21-25	26-30	31-35	36-40	41-45	46-50	51-55		
N	5.2	1.7	1.0	1.0	.6	.1						9.2	5.8
NNW	2.1	.9	.1	.1	.1							3.4	4.1
NW	1.0	1.5	.6									4.8	3.5
NNW	.9	1.1	1.9	.9								4.2	6.9
E		.7	.4	.3	.1							1.5	6.8
ESE	.4	.5	.3	.5	.1							1.4	7.9
SE	.1	.9	1.8	1.3	.6	.3	.3		.3			5.5	14.1
SSE	.9	.6	1.3	1.5	.1	.1	.3					4.8	11.2
S	.7	2.0	2.1	1.5	.4	.1		.1				7.0	9.7
SSW	.4	1.0	.6	.3	.3							2.5	7.8
SW	.1	.3										.4	3.7
WSW	.1	.1										.3	4.0
W	.3	.3										.6	3.8
WNW	.1	.7	.1	.6	.6	.1						2.3	11.7
NW	.1	.5	.1	.1								.7	6.8
NNW	1.4	.3	.7	.1	.3							2.8	6.4
VARIABLE													
CALM	////////////////////											48.6	////
TOTALS	15.9	11.8	11.0	7.6	3.2	.8	.6	.1	.3			100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 710

GLOBAL CLIMATOLOGY BRANCH  
USAFETAG  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(EST): 1800-2000

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	4.1	2.3	1.0	.6	.7	.3	.1					9.1	6.7
NNE	2.1	1.7	.9									4.7	4.2
NF	3.0	1.9	.7	.3								5.9	4.3
ENE	1.3	1.1	.9									3.3	4.7
E	.1	.9	.9	.1	.3							2.3	8.8
ESE	.3	.3	.3		.1		.1					1.1	10.5
SE	.3	.4	1.1	.9	.4	.4						3.6	12.4
SSE	.3	.4	1.9	1.1	.4	.1	.4		.3	.1		5.1	15.5
S	1.1	1.3	2.3	1.9	.1			.1				6.8	9.1
SSW	.6	1.0	.7	.1	.1							2.6	6.3
SW	.6	.7	.1									1.4	4.3
WSW		.3	.1									.4	6.3
W	.1	.3	.1									.6	4.8
WNW	.4	.3	.1	.3	.3	.1						1.6	10.5
NW	.4	.3	.3	.3								1.3	6.6
NNW	.4	.3	.4	.3	.1							1.6	7.8
VARIABLE													
CALM	////////////////////											48.7	////
TOTALS	15.2	13.4	11.4	5.8	2.7	1.0	.7	.1	.3	.1		100.0	4.0

TOTAL NUMBER OF OBSERVATIONS: 712

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(LST): 1500-1700

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	1.1	1.4	.9	1.1	.4	.1						7.3	6.9
NNE	.9	.9	1.3	.3								3.3	6.2
NE	3.1	1.3	.4	.1								5.0	4.0
NNE	2.1	1.7	.7									4.6	4.3
E	.3	.4	.3	.3	.3	.3						1.8	13.7
ESE	.3	.4	.1	.4	.3							1.6	9.7
SE	.6	1.1	.6	1.4		.1	.3		.1			4.3	11.6
SE		.7	1.4	.4	.6		.1	.4		.1		3.8	15.9
S	1.1	1.3	2.8	2.1				.1				7.5	9.2
SSW	.7	.7	1.1	.1								2.7	6.3
SW	.3	.7										1.0	4.1
WSW													
W	.4	.3	.3	.3								1.3	6.3
WNW	.1	.3	.4	.4								1.3	8.6
NW		.4		.4								.9	8.8
NNW	.9	.4	.6	.1								2.0	5.2
VARIABLE													
CALM	////////////////////											51.8	////
TOTALS	13.9	12.1	11.0	7.8	1.6	.6	.4	.6	.1	.1		100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS (LST): 1200-1400

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56		
N	.6	.4	1.3	1.1	.1							3.5	9.5
NNE	1.1	.7	.7	.1								2.7	5.1
NE	3.1	3.0	.6		.1							6.8	4.1
NNE	2.7	1.4	.6	.9								5.1	4.4
E	.4	1.0	.7	.1	.1	.1						2.5	7.8
ESE		.3	.4	.1			.3					1.1	13.1
SE	.6	1.0	1.4	.7	1.1	.1						5.0	10.9
SSE	.7	1.4	.8	.7	.3	.1						4.1	8.3
S	.8	2.3	4.1	.8	1.1							9.2	9.1
SSW	1.3	1.6	.7	.3								3.8	5.3
SW	.3	.3	.3									.8	4.5
WSW			.1									.1	8.0
W	.8	.3	.3	.1								1.6	4.8
WNW	.3		.7									1.0	6.9
NW	.1	.6	.6	.3								1.6	7.2
NNW	.3	.6	.6	.4	.3							2.1	9.6
VARIABLE													
CALM	////////////////////											48.9	////
TOTALS	13.2	14.7	13.9	5.4	3.3	.4	.3					100.0	3.8

TOTAL NUMBER OF OBSERVATIONS: 736

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 76-84  
MONTH: ALL HOURS(1ST): ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	
N	2.5	1.9	2.0	1.2	.5	.2	.1	.0	.0	.0	8.4	7.9
NNE	1.6	1.1	.5	.1	.0		.0				3.4	4.6
NE	2.1	1.6	.4	.1	.0	.0					4.2	4.0
NNE	1.3	1.3	.4	.1	.0	.0	.0				3.1	4.7
E	.8	1.0	.5	.1	.0	.0	.0				2.5	5.6
ESE	.3	.5	.3	.2	.0	.0	.0	.0		.0	1.3	7.1
SE	.5	1.0	1.0	.5	.3	.1	.1	.0	.0		3.5	9.2
SSE	.5	1.2	1.3	.6	.2	.1	.0	.0	.0	.0	3.9	8.7
S	1.6	3.2	3.4	1.2	.3	.1	.0	.0	.0		9.8	7.4
SSW	1.2	2.0	1.8	.5	.1	.0	.0	.0			5.7	6.6
SW	.8	1.1	.6	.1	.0						2.6	5.1
WSW	.5	.4	.1	.0	.0						1.0	4.2
W	.8	.6	.2	.1	.0	.0					1.6	4.5
WNW	.4	.5	.2	.1	.0	.0	.0				1.3	5.3
NW	.5	.9	.7	.2	.0	.0	.0				2.3	6.4
NNW	.7	1.2	1.8	1.0	.3	.1	.1	.0			5.2	9.3
VARIABLE												
CALM	////////////////////////////////////										40.0	////
TOTALS	16.7	19.6	15.4	5.9	1.7	.7	.3	.3	.0	.0	100.0	4.1

TOTAL NUMBER OF OBSERVATIONS: 69354

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-84  
MONTH: ALL HOURS(EST): ALL

CEILINGS 200 TO 1400 FEET WITH VISIBILITIES 1/2 MILE OR MORE  
AND/OR  
CEILINGS 200 FEET OR MORE WITH VISIBILITIES 1/2 TO 7-1/2 MILES

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND
	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	56-59	
N	.8	1.8	3.3	2.5	1.0	.6	.1	.1	.0		10.1	11.3
NNE	.7	.8	.5	.1	.1						2.2	5.7
NE	1.1	1.0	.3	.1	.0						2.4	4.2
ENE	.6	.5	.1	.0							1.3	4.3
E	.3	.5	.1	.0	.0						1.0	4.8
ESE	.1	.2	.1	.1	.0	.0					.6	6.5
SE	.3	.6	.4	.4	.2	.1	.0				1.9	8.9
SSE	.6	1.2	.8	.4	.1	.0	.0				3.2	7.3
S	2.7	5.9	6.9	2.7	.7	.1	.0				19.0	7.8
SSW	1.6	3.5	3.7	1.4	.2	.0					10.5	7.3
SW	1.2	1.5	.8	.2	.0						3.7	5.2
WSW	.6	.4	.2	.0							1.2	4.3
W	.7	.7	.5	.2	.0	.0					2.1	5.9
WNW	.5	.8	.6	.1	.1	.0					2.1	6.2
NW	.6	1.3	1.3	.6	.1	.0					3.9	7.6
NNW	.4	1.4	3.4	2.6	.9	.3	.1	.1			9.2	11.4
VARIABLE												
CALM											25.6	////
TOTALS	12.9	22.1	23.0	11.3	3.4	1.2	.3	.1	.0		100.0	6.0

TOTAL NUMBER OF OBSERVATIONS: 11445



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART D

CEILING VERSUS VISIBILITY

This summary is a bivariate percentage frequency distribution by classes of ceiling from zero to equal to or greater than 20,000 feet and as a separate class "no ceiling", versus visibility in 16 classes from zero to equal to or greater than 10 miles. Data are derived from hourly observations, and three sets of tables are presented as follows:

1. Annual - all years and all hours combined
2. By month - all years and all hours combined
3. By month - by standard 3-hour groups

Due to the cumulative nature of this presentation, it is possible to determine the percentage frequency of occurrence for any given limit of ceiling or visibility separately, or in combination of ceiling and visibility. The totals progress to the right and downward. Ceiling may be determined independently by referring to totals in the extreme right hand column. Also, visibility may be determined independently by reference to the horizontal row of totals at the bottom of the page. The percentage frequency for which the station was meeting or exceeding any given set of minima may be determined from the figure at the intersection of the appropriate ceiling column and visibility row. Several examples in the use of these tables are shown on pages 2 and 3 below.

U. S. Weather Bureau and Navy stations did not report ceilings within the range 10,000 feet and higher prior to January 1949. Summaries prepared from data for these stations using the earlier period and data subsequent to January 1949 will be modified to limit ceilings to 10,000 feet. Short periods of record prior to 1949 for these stations will be eliminated from the summary. For Air Force stations, the "no ceiling" category includes clear and scattered conditions, and ceilings above 20,000 feet for period through June 1948. Beginning in July 1948 for Air Force stations and January 1949 for USWB and U. S. Navy stations the "no ceiling" category consists of observations with less than 6/10 total sky cover and those cases where total sky cover is 6/10 or more, but not more than 1/2 of the sky cover is opaque.

Beginning in January 1968, METAR stations report visibilities to 6 miles and then greater than 6 miles. Thus, for METAR stations, the category equal to or greater than 10 miles is not printed in the tables, unless the summary was for a period ending before January 1968. For most Airways stations, visibilities of greater than 7 miles were not reported for part of the period of record. Therefore, the >10 mi visibility category should be used with great caution.

(Continued on Reverse Side)

EXAMPLES FOR USE OF CEILING VERSUS VISIBILITY TABLES IN THIS TABULATION

CEILING (FEET)	VISIBILITY (STATUTE MILES)															
	$\geq 10$	$\geq 8$	$\geq 5$	$\geq 4$	$\geq 3$	$\geq 2\frac{1}{2}$	$\geq 2$	$\geq 1\frac{1}{2}$	$\geq 1\frac{1}{4}$	$\geq 1$	$\geq \frac{3}{4}$	$\geq \frac{1}{2}$	$\geq \frac{1}{4}$	$\geq \frac{1}{8}$	$\geq \frac{1}{16}$	$\geq 0$
NO CEILING																
$\geq 1800$																
$\geq 1500$					91.0											92.6
$\geq 1200$																
$\geq 1000$																
$\geq 900$																
$\geq 800$																
$\geq 700$																
$\geq 600$																
$\geq 500$									97.4							98.1
$\geq 400$																
$\geq 300$																
$\geq 200$																
$\geq 100$					95.4		96.9			98.3						
$\geq 0$																100.0

**EXAMPLE # 1** Read ceiling values independently of visibility under column at right headed  $\geq 0$ .  
For instance, from the table: Ceiling  $\geq 1500$  feet = 92.6%.  
Ceiling  $\geq 500$  feet = 98.1%.

**EXAMPLE # 2** Read visibilities independently of ceilings on bottom line opposite  $\geq 0$ . From the table:  
Visibility  $\geq 3$  miles = 95.4%.  
Visibility  $\geq 2$  miles = 96.9%.  
Visibility  $\geq 1$  mile = 98.3%.

**EXAMPLE # 3** To obtain combinations of ceiling with visibility, read figure at intersection of the two categories; i.e.: Ceiling  $\geq 1500$  feet with visibility  $\geq 3$  miles = 91.0%.

#### ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%.  
Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of  $\geq 1500$  feet with  $\geq 3$  miles, subtracted from 97.4 read from the table at the intersection of  $\geq 500$  feet with  $\geq 1$  mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling  $\geq 500$  feet with visibility  $> 1$  mile, but  $< 3$  miles; or ceiling  $\geq 500$  feet, but  $< 1500$  feet with visibility  $\geq 1$  mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR & OTHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(IST): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	33.3	46.8	47.3	48.1	48.6	49.1	49.1	49.1	49.1	49.2	49.5	49.9	50.3	50.6	50.6	50.6	
GE 10000	34.4	48.0	48.8	49.4	49.8	50.3	50.3	50.3	50.3	50.5	50.8	51.2	51.6	51.9	51.9	51.9	
GE 18000	35.4	49.0	49.5	50.3	50.8	51.3	51.3	51.3	51.3	51.4	51.7	52.1	52.5	52.8	52.8	52.8	
GE 16000	36.1	49.7	50.2	51.1	51.4	52.0	52.0	52.0	52.0	52.1	52.4	52.8	53.2	53.5	53.5	53.5	
GE 14000	36.8	50.2	50.8	51.5	52.0	52.5	52.5	52.5	52.5	52.7	52.9	53.4	53.8	54.0	54.0	54.0	
GE 12000	36.8	50.8	51.3	52.1	52.5	53.1	53.1	53.1	53.1	53.2	53.5	53.9	54.3	54.6	54.6	54.6	
GE 10000	38.3	54.1	54.6	55.4	55.8	56.4	56.4	56.4	56.4	56.5	56.8	57.2	57.6	57.9	57.9	57.9	
GE 9000	38.7	54.5	55.0	55.4	56.2	56.8	56.8	56.8	56.8	56.9	57.2	57.6	58.0	58.3	58.3	58.3	
GE 8000	42.1	58.7	59.3	60.2	60.9	61.5	61.5	61.5	61.5	61.6	61.9	62.3	62.7	63.0	63.0	63.0	
GE 7000	46.1	64.2	64.7	65.7	66.4	66.9	67.1	67.1	67.1	67.2	67.5	67.9	68.3	68.6	68.6	68.6	
GE 6000	47.7	66.1	66.7	67.5	68.3	68.9	69.0	69.0	69.0	69.1	69.4	69.8	70.2	70.5	70.5	70.5	
GE 5000	49.2	69.0	69.5	70.2	71.2	71.7	71.9	72.3	72.3	72.4	72.7	73.1	73.5	73.8	73.8	73.8	
GE 4500	50.8	70.6	71.2	72.2	72.9	73.4	73.5	73.9	73.9	74.1	74.3	74.8	75.2	75.4	75.4	75.4	
GE 4000	51.3	72.2	72.8	73.3	74.5	75.0	75.2	75.6	75.6	75.7	76.0	76.4	76.8	77.1	77.1	77.1	
GE 3500	52.0	73.8	74.0	76.3	76.7	77.2	77.4	77.8	77.8	77.9	78.2	78.6	79.0	79.3	79.3	79.3	
GE 3000	52.0	74.5	76.4	77.4	78.1	78.6	79.1	79.6	79.6	79.7	80.0	80.4	80.8	81.1	81.1	81.1	
GE 2500	53.8	76.5	78.7	80.7	81.5	82.0	82.6	83.0	83.0	83.1	83.4	83.8	84.2	84.5	84.5	84.5	
GE 2000	54.9	77.9	80.4	82.4	84.1	84.6	85.5	85.9	85.9	86.0	86.3	86.7	87.1	87.4	87.4	87.4	
GE 1800	54.9	77.9	80.4	82.5	84.4	84.9	85.7	86.3	86.3	86.4	86.7	87.1	87.5	87.8	87.8	87.8	
GE 1500	55.4	78.6	81.3	84.1	86.0	86.8	87.8	89.2	89.2	89.3	89.6	90.0	90.4	90.7	90.7	90.7	
GE 1200	55.6	79.0	82.0	85.3	87.4	88.2	89.3	90.8	90.9	91.5	92.2	92.6	93.0	93.3	93.3	93.3	
GE 1000	55.6	79.3	82.3	85.5	87.7	88.5	89.7	91.2	91.4	92.5	93.1	93.6	94.0	94.2	94.2	94.2	
GE 900	55.6	79.3	82.6	85.9	87.9	88.9	90.1	92.3	92.5	93.6	94.2	94.7	95.1	95.3	95.3	95.3	
GE 800	55.6	79.3	82.9	86.1	88.2	89.3	90.7	93.3	93.6	95.1	95.9	96.3	96.7	97.0	97.0	97.0	
GE 700	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	93.8	95.9	96.7	97.1	97.5	97.8	97.8	97.8	
GE 600	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 500	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 400	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 300	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 200	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 100	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	
GE 0	55.6	79.3	83.0	86.3	88.3	89.4	90.9	93.6	94.0	96.0	97.0	97.4	97.8	98.1	98.1	98.1	

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70250 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(LEST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.2	44.2	45.2	46.2	46.2	46.5	46.6	46.8	46.8	46.8	47.6	47.7	47.9	47.9	48.0	48.0
GE 20000	55.1	46.0	46.9	47.5	47.5	47.7	47.9	48.0	48.0	48.0	48.8	49.0	49.1	49.1	49.2	49.2
GE 18000	56.9	47.7	48.2	49.2	49.2	49.5	49.7	49.8	49.8	49.8	50.6	50.8	50.9	50.9	51.0	51.0
GE 16000	58.3	49.1	50.1	50.5	50.6	50.9	51.0	51.2	51.2	51.2	52.0	52.1	52.3	52.3	52.4	52.4
GE 14000	59.4	49.2	50.2	50.8	50.8	51.0	51.2	51.3	51.3	51.3	52.1	52.3	52.4	52.4	52.5	52.5
GE 12000	59.4	49.5	50.5	51.3	51.0	51.3	51.4	51.6	51.6	51.6	52.4	52.5	52.7	52.7	52.8	52.8
GE 10000	59.6	52.0	52.9	53.5	53.5	53.8	53.9	54.0	54.0	54.0	54.9	55.0	55.1	55.1	55.3	55.3
GE 9000	40.1	53.1	54.0	54.5	54.6	54.9	55.0	55.1	55.1	55.1	56.0	56.1	56.2	56.2	56.4	56.4
GE 8000	44.9	58.4	59.7	60.2	60.2	60.5	60.6	60.8	60.8	60.8	61.6	61.7	61.9	61.9	62.0	62.0
GE 7000	47.2	62.4	63.8	64.2	64.9	65.2	65.3	65.4	65.4	65.4	66.3	66.4	66.5	66.5	66.7	66.7
GE 6000	49.4	65.2	66.5	67.5	67.6	67.9	68.0	68.2	68.2	68.2	69.0	69.1	69.3	69.3	69.4	69.4
GE 5000	51.3	68.0	69.4	70.5	70.5	70.8	70.9	71.3	71.3	71.3	72.2	72.3	72.4	72.4	72.6	72.6
GE 4500	52.3	70.0	71.3	72.4	72.4	72.7	72.8	73.3	73.3	73.3	74.1	74.2	74.3	74.3	74.5	74.5
GE 4000	53.2	71.5	73.1	74.2	74.2	74.5	74.6	75.0	75.0	75.0	75.9	76.0	76.1	76.1	76.3	76.3
GE 3500	53.6	73.4	75.2	76.3	76.3	76.5	76.7	77.1	77.1	77.1	77.9	78.1	78.2	78.2	78.3	78.3
GE 3000	54.0	74.9	76.8	77.9	77.9	78.2	78.3	78.7	78.7	78.7	79.6	79.7	79.8	79.8	80.0	80.0
GE 2500	56.4	77.5	79.4	80.7	80.9	81.2	81.5	81.9	81.9	81.9	82.7	82.9	83.0	83.0	83.1	83.1
GE 2000	57.1	78.5	80.7	82.2	83.5	84.0	84.4	84.8	84.8	84.8	85.6	85.7	85.9	85.9	86.0	86.0
GE 1800	57.1	78.5	80.8	83.1	84.0	84.5	84.9	85.5	85.5	85.5	86.3	86.4	86.6	86.6	86.7	86.7
GE 1500	57.2	78.9	81.6	84.1	85.3	85.9	86.4	86.8	86.8	86.8	87.2	87.3	87.4	87.4	87.6	87.6
GE 1200	57.3	79.3	82.6	85.2	86.4	87.0	88.1	90.3	90.3	90.3	91.2	91.4	91.5	91.5	91.6	91.6
GE 1000	57.5	80.0	83.5	86.3	88.3	88.9	90.4	92.6	92.7	93.7	94.8	94.9	95.1	95.1	95.2	95.2
GE 900	57.5	80.1	84.0	86.7	88.8	89.4	90.9	93.4	93.6	94.9	96.0	96.2	96.3	96.3	96.4	96.4
GE 800	57.5	80.2	84.2	87.3	89.0	89.7	91.2	94.0	94.1	95.5	96.7	96.8	97.0	97.0	97.1	97.1
GE 700	57.5	80.4	84.4	87.1	89.2	90.0	91.6	94.5	94.7	96.0	97.3	97.4	97.5	97.5	97.7	97.7
GE 600	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.4	97.7	97.8	97.9	97.9	98.1	98.1
GE 500	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.7	97.9	98.1	98.2	98.2	98.4	98.4
GE 400	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.7	97.9	98.1	98.2	98.2	98.4	98.4
GE 300	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.7	97.9	98.1	98.2	98.2	98.4	98.4
GE 200	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.7	97.9	98.1	98.2	98.2	98.4	98.4
GE 100	57.5	80.4	84.4	87.1	89.2	90.0	91.8	94.9	95.1	96.7	97.9	98.1	98.2	98.2	98.4	98.4
GE 0	57.6	80.5	84.5	87.2	89.3	90.1	91.9	95.1	95.2	96.8	98.2	98.4	99.2	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARRSVORN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(EST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	33.3	41.3	42.4	42.5	42.7	43.3	43.3	43.3	43.5	43.5	43.9	43.9	44.0	44.0	44.0	44.0
GE 20000	33.9	42.2	43.3	43.5	43.6	44.6	44.6	44.6	44.7	44.7	45.1	45.1	45.3	45.3	45.3	45.3
GE 18000	35.5	44.2	45.3	45.4	45.5	46.5	46.5	46.5	46.6	46.6	47.1	47.1	47.2	47.2	47.2	47.2
GE 16000	36.6	45.3	46.4	46.5	46.6	47.6	47.6	47.6	47.7	47.7	48.1	48.1	48.3	48.3	48.3	48.3
GE 14000	36.8	45.4	46.5	46.5	46.8	47.7	47.7	47.7	47.9	47.9	48.3	48.3	48.4	48.4	48.4	48.4
GE 12000	37.3	46.0	47.1	47.2	47.3	48.3	48.3	48.3	48.4	48.4	48.8	48.8	49.0	49.0	49.0	49.0
GE 10000	38.0	47.2	48.3	48.4	48.6	49.5	49.5	49.5	49.7	49.7	50.1	50.1	50.2	50.2	50.2	50.2
GE 9000	38.0	47.5	48.6	48.4	49.0	49.9	49.9	49.9	50.1	50.1	50.5	50.5	50.6	50.6	50.6	50.6
GE 8000	42.5	52.5	53.9	54.3	54.5	55.4	55.4	55.4	55.6	55.6	56.0	56.0	56.1	56.1	56.1	56.1
GE 7000	49.7	61.6	63.2	63.3	63.9	64.9	64.9	64.9	65.0	65.0	65.4	65.4	65.6	65.6	65.6	65.6
GE 6000	51.6	63.9	65.6	66.1	66.3	67.2	67.2	67.2	67.4	67.4	67.8	67.8	67.9	67.9	67.9	67.9
GE 5000	54.6	68.7	70.4	70.9	71.1	72.0	72.0	72.0	72.2	72.2	72.6	72.6	72.7	72.7	72.7	72.7
GE 4000	55.4	70.2	71.9	72.4	72.6	73.5	73.5	73.5	73.7	73.7	74.1	74.1	74.2	74.2	74.2	74.2
GE 3000	56.0	71.1	72.7	73.3	73.4	74.3	74.3	74.3	74.5	74.5	74.9	74.9	75.0	75.0	75.0	75.0
GE 2500	58.6	75.4	77.1	77.3	77.9	78.9	78.9	78.9	79.0	79.0	79.4	79.4	79.6	79.6	79.6	79.6
GE 2000	59.5	76.5	78.7	79.6	79.7	80.7	80.7	80.7	80.8	81.1	81.5	81.5	81.6	81.6	81.6	81.6
GE 1500	67.9	79.0	81.6	83.1	83.3	84.2	84.4	84.4	84.5	84.8	85.2	85.2	85.3	85.3	85.3	85.3
GE 1000	61.5	80.2	82.9	84.5	84.6	85.6	85.9	86.0	86.1	86.4	86.8	86.8	87.0	87.0	87.0	87.0
GE 800	61.5	80.5	83.1	84.9	84.9	85.9	86.1	86.6	86.7	87.0	87.4	87.4	87.5	87.5	87.5	87.5
GE 600	61.6	81.1	83.8	86.3	86.7	87.8	88.1	88.9	89.0	89.3	89.7	89.7	89.8	89.8	89.8	89.8
GE 400	61.9	81.9	84.8	87.3	87.7	88.8	89.2	90.5	90.7	91.1	91.5	91.5	91.8	91.9	91.9	91.9
GE 300	61.9	82.6	85.6	88.1	89.3	90.5	91.2	93.1	93.6	94.1	94.5	94.5	94.8	94.9	94.9	94.9
GE 200	61.9	82.7	85.9	88.3	89.7	90.9	91.8	94.1	94.5	95.3	95.7	95.7	96.3	96.4	96.4	96.4
GE 100	61.9	82.7	85.9	88.3	89.8	91.2	92.0	94.5	94.9	95.7	96.2	96.2	96.8	97.0	97.0	97.0
GE 50	61.9	82.7	86.0	88.5	90.3	91.6	92.5	94.9	95.3	96.3	96.7	96.7	97.7	97.8	97.9	97.9
GE 20	61.9	82.7	86.0	88.5	90.3	91.6	92.9	95.3	95.7	96.7	97.1	97.1	98.1	98.2	98.4	98.4
GE 10	61.9	82.7	86.0	88.5	90.3	91.6	92.9	95.5	95.9	96.8	97.1	97.1	98.2	98.4	98.5	98.5
GE 5	61.9	82.7	86.0	88.5	90.3	91.6	92.9	95.5	95.9	96.8	97.1	97.1	98.2	98.4	98.5	98.5
GE 2	61.9	82.7	86.0	88.5	90.3	91.6	92.9	95.5	95.9	96.8	97.1	97.1	98.2	98.4	98.5	98.5
GE 1	61.9	82.7	86.0	88.5	90.3	91.6	92.9	95.5	95.9	96.8	97.1	97.1	98.2	98.4	98.5	98.5

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRVONH AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.2	36.4	36.9	37.2	37.9	38.0	38.1	38.3	38.3	38.4	38.5	38.5	38.7	38.7	38.7	38.7
GE 20000	35.1	37.3	37.9	38.1	38.8	39.0	39.1	39.2	39.2	39.4	39.5	39.5	39.6	39.6	39.6	39.6
GE 18000	38.5	40.7	41.3	41.5	42.2	42.4	42.5	42.7	42.7	42.8	42.9	42.9	43.1	43.1	43.1	43.1
GE 16000	39.1	41.3	41.8	42.1	42.8	42.9	43.1	43.2	43.2	43.3	43.5	43.5	43.6	43.6	43.6	43.6
GE 14000	39.4	41.6	42.1	42.4	43.1	43.2	43.3	43.5	43.5	43.6	43.8	43.8	43.9	43.9	43.9	43.9
GE 12000	40.7	42.9	43.5	43.9	44.4	44.6	44.7	44.9	44.9	45.0	45.1	45.1	45.3	45.3	45.3	45.3
GE 10000	42.8	45.4	46.0	46.2	46.9	47.1	47.2	47.3	47.3	47.5	47.6	47.6	47.7	47.7	47.7	47.7
GE 9000	43.8	46.4	46.9	47.2	47.9	48.0	48.1	48.3	48.3	48.4	48.6	48.6	48.7	48.7	48.7	48.7
GE 8000	49.2	52.0	52.5	52.3	53.5	53.6	53.8	53.9	53.9	54.0	54.2	54.2	54.3	54.3	54.3	54.3
GE 7000	58.7	61.6	62.4	62.7	63.4	63.5	63.6	63.8	63.8	63.9	64.1	64.1	64.2	64.2	64.2	64.2
GE 6000	61.7	64.7	65.6	65.8	66.5	66.7	66.8	67.1	67.1	67.2	67.4	67.4	67.5	67.5	67.5	67.5
GE 5000	69.7	68.0	68.9	69.3	70.1	70.2	70.4	70.6	70.6	70.8	70.9	70.9	71.1	71.1	71.1	71.1
GE 4500	68.3	69.5	70.4	70.8	71.6	71.7	71.9	72.2	72.2	72.3	72.4	72.4	72.6	72.6	72.6	72.6
GE 4000	69.0	72.3	73.1	73.5	74.5	74.6	74.8	75.0	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 3500	72.2	76.0	76.8	77.5	78.5	78.7	79.0	79.0	79.1	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 3000	74.1	78.5	79.3	80.3	80.9	81.1	81.3	81.8	81.8	82.0	82.2	82.2	82.3	82.3	82.3	82.3
GE 2500	74.9	79.8	80.8	81.5	82.6	82.9	83.3	83.7	83.7	84.0	84.1	84.1	84.2	84.2	84.2	84.2
GE 2000	75.0	80.2	81.5	82.3	83.8	84.2	84.8	85.7	85.7	86.0	86.1	86.1	86.3	86.3	86.3	86.3
GE 1800	75.0	80.7	82.0	82.9	84.6	85.0	85.6	86.7	86.7	87.0	87.1	87.1	87.2	87.2	87.2	87.2
GE 1500	75.7	81.9	83.3	84.1	86.0	86.6	87.1	88.5	88.5	88.8	89.0	89.0	89.2	89.2	89.2	89.2
GE 1200	76.3	82.7	84.4	85.5	87.5	88.2	88.9	90.3	90.3	90.5	91.1	91.1	91.4	91.4	91.4	91.4
GE 1000	76.7	84.0	85.7	86.3	89.0	89.8	90.5	92.3	92.5	92.7	93.4	93.4	93.8	93.8	93.8	93.8
GE 900	76.7	84.0	85.7	86.3	89.0	90.0	90.7	92.5	92.6	92.9	93.8	93.8	94.2	94.2	94.2	94.2
GE 800	76.7	84.1	85.9	87.1	89.3	90.3	90.9	92.7	92.9	93.1	94.1	94.1	94.5	94.5	94.5	94.5
GE 700	76.8	84.2	86.0	87.2	89.4	90.5	91.2	93.0	93.1	93.4	94.5	94.5	95.1	95.1	95.1	95.1
GE 600	76.8	84.2	86.1	87.4	89.6	90.7	91.4	93.3	93.4	93.7	94.8	94.8	95.5	95.5	95.5	95.5
GE 500	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.7	93.8	94.2	95.5	95.5	96.7	96.8	96.8	96.8
GE 400	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.7	94.1	94.9	96.7	96.7	98.2	98.4	98.5	98.5
GE 300	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.8	94.2	95.1	97.0	97.1	98.6	98.8	99.2	99.2
GE 200	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.8	94.2	95.1	97.0	97.1	99.0	99.5	99.9	99.9
GE 100	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.8	94.2	95.1	97.0	97.1	99.2	99.6	100.0	100.0
GE 0	76.8	84.4	86.3	87.5	89.8	90.9	91.8	93.8	94.2	95.1	97.0	97.1	99.2	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 729

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702157 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	30.9	32.5	32.8	32.9	33.5	34.2	34.2	34.2	34.4	34.4	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	33.1	34.7	35.0	35.1	35.4	36.5	36.5	36.5	36.8	36.8	37.0	37.0	37.0	37.0	37.0	37.0
GE 18000	36.5	38.3	38.5	38.7	39.4	40.1	40.1	40.1	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6
GE 16000	37.4	39.2	39.5	39.5	40.3	41.0	41.0	41.0	41.3	41.3	41.6	41.6	41.6	41.6	41.6	41.6
GE 14000	38.1	40.1	40.3	40.3	41.2	41.8	41.8	41.8	42.1	42.1	42.4	42.4	42.4	42.4	42.4	42.4
GE 12000	39.4	41.8	42.1	42.2	42.9	43.6	43.6	43.6	43.9	43.9	44.2	44.2	44.2	44.2	44.2	44.2
GE 10000	41.4	43.8	44.0	44.2	44.9	45.5	45.5	45.5	45.8	45.8	46.1	46.1	46.1	46.1	46.1	46.1
GE 9000	42.4	44.7	45.1	45.3	46.0	46.6	46.6	46.6	46.9	46.9	47.2	47.2	47.2	47.2	47.2	47.2
GE 8000	47.9	50.6	51.0	51.2	51.9	52.5	52.5	52.5	52.8	52.8	53.1	53.1	53.1	53.1	53.1	53.1
GE 7000	67.8	68.8	69.2	69.3	69.0	69.7	69.7	69.7	69.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3
GE 6000	63.9	66.9	67.4	67.5	68.2	68.9	68.9	68.9	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	67.6	70.8	71.2	71.3	72.0	72.7	72.7	72.7	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3
GE 4500	68.7	72.2	72.6	72.7	73.4	74.1	74.1	74.1	74.3	74.3	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	71.7	75.3	75.7	75.9	76.5	77.2	77.2	77.2	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	73.3	77.4	77.8	77.9	78.6	79.3	79.4	79.4	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	75.2	79.6	80.0	80.1	80.8	81.5	81.6	81.6	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3
GE 2500	76.8	81.3	81.9	82.3	82.9	83.5	83.7	84.1	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	77.4	82.6	83.1	83.5	84.4	85.0	85.5	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7
GE 1800	77.6	83.0	83.7	84.1	84.9	85.6	86.0	86.7	87.0	87.0	87.2	87.2	87.2	87.2	87.2	87.2
GE 1600	78.1	83.5	84.4	84.9	85.7	86.6	87.2	88.5	88.9	89.0	89.4	89.4	89.6	89.6	89.6	89.6
GE 1400	78.7	83.8	84.9	85.5	86.4	87.2	87.9	89.3	89.7	90.0	90.4	90.4	90.5	90.5	90.5	90.5
GE 1200	78.3	84.2	85.3	86.3	87.0	87.8	88.6	90.3	90.7	91.2	91.6	91.6	91.8	91.8	91.8	91.8
GE 1000	78.6	85.0	86.1	86.3	87.8	88.6	89.4	91.1	91.6	92.2	93.1	93.1	93.3	93.3	93.3	93.3
GE 900	78.9	85.6	86.8	87.5	88.5	89.3	90.3	92.0	92.6	93.1	94.2	94.2	94.4	94.4	94.4	94.4
GE 800	79.1	86.0	87.2	88.1	89.2	90.0	91.1	92.9	93.4	94.0	95.2	95.2	95.5	95.5	95.5	95.5
GE 700	79.1	86.0	87.2	88.1	89.2	90.0	91.1	93.0	93.6	94.1	95.6	95.6	96.0	96.0	96.0	96.0
GE 600	79.1	86.0	87.4	88.2	89.3	90.1	91.2	93.6	94.1	94.7	96.3	96.3	96.7	96.7	96.7	96.7
GE 500	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.4	95.1	95.7	97.7	97.7	98.6	98.6	98.6	98.6
GE 400	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.7	95.3	96.0	97.9	97.9	98.9	98.9	98.9	98.9
GE 300	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.7	95.3	96.2	98.2	98.2	99.3	99.3	99.3	99.3
GE 200	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.7	95.3	96.2	98.2	98.2	99.6	99.6	99.6	99.6
GE 100	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.7	95.3	96.2	98.2	98.2	99.6	99.6	99.6	99.6
GE 0	79.1	86.0	87.4	88.3	89.7	90.5	91.8	94.7	95.3	96.2	98.2	98.2	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 729



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	73.3	35.7	35.7	36.3	36.8	37.2	37.2	37.2	37.2	37.4	37.4	37.5	38.0	38.0	38.0	38.0	38.0
GE 20000	39.6	37.1	37.1	37.3	38.3	38.7	38.7	38.7	38.7	38.9	38.9	39.0	39.5	39.5	39.5	39.5	39.5
GE 18000	36.3	38.7	38.7	39.5	39.9	40.4	40.4	40.4	40.4	40.5	40.5	40.7	41.1	41.1	41.1	41.1	41.1
GE 16000	37.5	39.9	39.9	40.7	41.1	41.6	41.6	41.6	41.6	41.8	41.8	41.9	42.4	42.4	42.4	42.4	42.4
GE 14000	38.3	40.7	40.7	41.5	41.9	42.4	42.4	42.4	42.4	42.5	42.5	42.7	43.1	43.1	43.1	43.1	43.1
GE 12000	39.9	42.7	42.7	43.4	43.9	44.3	44.3	44.3	44.3	44.5	44.5	44.6	45.1	45.1	45.1	45.1	45.1
GE 10000	40.7	43.4	43.4	44.2	44.6	45.1	45.1	45.1	45.1	45.2	45.2	45.4	45.8	45.8	45.8	45.8	45.8
GE 9000	41.1	43.9	43.9	44.5	45.1	45.5	45.5	45.5	45.5	45.7	45.7	45.8	46.3	46.3	46.3	46.3	46.3
GE 8000	45.7	48.9	49.2	49.9	50.4	50.8	50.8	51.0	51.0	51.1	51.1	51.3	51.7	51.7	51.7	51.7	51.7
GE 7000	56.2	60.1	60.5	61.3	61.7	62.2	62.2	62.3	62.3	62.5	62.5	62.6	63.1	63.1	63.1	63.1	63.1
GE 6000	59.9	63.2	63.5	64.3	64.8	65.2	65.2	65.4	65.4	65.5	65.5	65.7	66.1	66.1	66.1	66.1	66.1
GE 5000	62.6	66.1	66.4	67.2	67.6	68.1	68.1	68.2	68.2	68.4	68.4	68.5	69.0	69.0	69.0	69.0	69.0
GE 4500	64.1	67.8	68.1	68.3	69.3	69.7	69.7	69.9	69.9	70.0	70.0	70.2	70.7	70.7	70.7	70.7	70.7
GE 4000	66.1	69.7	70.0	70.3	71.3	71.7	71.7	71.9	71.9	72.0	72.0	72.2	72.6	72.6	72.6	72.6	72.6
GE 3500	69.7	73.7	74.1	74.9	75.5	75.9	75.9	76.1	76.1	76.2	76.2	76.4	76.9	76.9	76.9	76.9	76.9
GE 3000	71.2	75.0	75.9	76.7	77.3	77.8	77.8	77.9	77.9	78.1	78.1	78.2	78.7	78.7	78.7	78.7	78.7
GE 2500	73.1	77.8	78.8	79.5	80.2	80.8	80.8	80.9	80.9	81.1	81.2	81.4	81.8	81.8	81.8	81.8	81.8
GE 2000	74.6	80.0	81.2	82.3	83.2	84.4	84.6	84.9	84.9	85.0	85.1	85.5	85.9	85.9	85.9	85.9	85.9
GE 1800	74.9	80.3	81.5	82.5	84.0	85.3	85.5	85.8	85.8	85.9	86.2	86.4	86.8	86.8	86.8	86.8	86.8
GE 1600	75.8	82.0	83.5	84.7	86.2	87.7	88.0	88.4	88.4	88.5	88.8	89.0	89.4	89.4	89.4	89.4	89.4
GE 1400	75.8	82.1	83.7	85.2	86.5	88.2	88.5	89.1	89.1	89.3	89.6	89.7	90.2	90.2	90.2	90.2	90.2
GE 1200	75.9	82.3	83.8	85.3	86.7	88.4	88.8	89.9	90.0	90.2	90.5	90.6	91.1	91.1	91.1	91.1	91.1
GE 1000	76.2	82.9	84.4	85.9	87.3	89.0	89.4	90.6	90.8	90.9	91.5	91.7	92.1	92.1	92.1	92.1	92.1
GE 900	76.4	83.5	85.2	86.7	88.0	89.7	90.2	91.4	91.5	91.7	92.4	92.6	93.0	93.0	93.0	93.0	93.0
GE 800	76.7	84.3	85.9	87.4	88.8	90.5	90.9	92.3	92.4	92.6	93.3	93.5	93.9	93.9	93.9	93.9	93.9
GE 700	77.0	84.6	86.2	87.7	89.1	90.8	91.2	92.7	92.7	92.9	93.8	94.7	94.9	95.3	95.3	95.3	95.3
GE 600	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.3	93.5	94.1	95.3	95.5	95.8	96.2	96.2	96.4	96.4
GE 500	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.6	94.3	95.3	97.0	97.3	97.9	97.9	98.0	98.0	98.0
GE 400	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.6	94.3	95.5	97.7	98.0	99.1	99.1	99.2	99.2	99.2
GE 300	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.6	94.3	95.5	98.0	98.3	99.4	99.4	99.5	99.5	99.5
GE 200	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.6	94.3	95.5	98.0	98.3	99.4	99.4	99.7	99.7	99.7
GE 100	77.0	84.6	86.2	87.7	89.3	90.9	91.5	93.6	94.3	95.5	98.0	98.3	99.4	99.4	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 651

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 78-84  
MONTH: JAN HOURS(EST): 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	4 3/4
NO CEIL	37.6	46.1	46.9	47.5	48.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	49.2	49.2
GE 20000	39.7	47.2	47.9	48.5	49.3	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.4	50.4
GE 18000	35.8	48.2	49.2	49.3	50.5	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.8	51.8
GE 16000	36.3	48.8	49.8	50.4	51.2	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.4	52.4
GE 14000	36.3	48.8	49.8	50.4	51.2	51.6	51.8	51.9	51.9	51.9	51.9	51.9	51.9	52.1	52.4	52.4
GE 12000	37.0	49.8	50.7	51.3	52.1	52.5	52.7	52.8	52.8	52.8	52.8	52.8	52.8	53.0	53.3	53.3
GE 10000	37.6	50.5	51.5	52.1	52.8	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.8	54.1	54.1
GE 9000	39.2	51.3	52.2	52.9	53.6	54.1	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.8	54.8
GE 8000	42.9	56.4	57.3	57.9	58.7	59.1	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.9	59.9
GE 7000	47.8	63.6	64.5	65.1	65.9	66.4	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.8	67.1	67.1
GE 6000	50.2	66.4	67.3	67.9	68.7	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.6	69.9	69.9
GE 5000	51.0	67.6	69.1	69.9	70.7	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.9	71.9
GE 4500	52.1	69.6	71.1	71.9	72.8	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.7	74.0	74.0
GE 4000	53.0	71.3	72.8	73.5	74.5	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.7	75.7
GE 3500	54.4	73.1	74.8	75.5	76.5	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.6	77.9	77.9
GE 3000	55.3	75.0	76.7	77.4	78.6	79.1	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.7	80.0	80.0
GE 2500	57.1	77.4	79.3	80.5	82.0	82.5	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.3	83.6	83.6
GE 2000	59.7	79.3	81.3	83.1	84.6	85.6	86.3	86.9	87.3	87.3	87.3	87.3	87.3	87.4	87.7	87.7
GE 1800	59.0	79.6	81.6	83.4	85.3	86.2	87.3	87.9	88.2	88.2	88.2	88.2	88.2	88.3	88.6	88.6
GE 1600	59.9	80.8	83.1	85.4	87.3	88.2	89.4	90.0	90.3	90.8	90.8	90.8	90.8	90.9	91.2	91.2
GE 1400	59.9	80.8	83.7	85.5	87.7	88.8	90.0	91.4	91.7	92.2	92.2	92.2	92.2	92.3	92.6	92.6
GE 1200	59.9	81.0	83.4	85.7	87.9	88.9	90.2	91.7	92.0	92.5	92.5	92.5	92.5	92.6	92.9	92.9
GE 1000	59.9	81.1	83.6	85.9	88.2	89.2	90.5	92.2	93.1	93.5	93.5	93.5	93.5	93.7	94.2	94.2
GE 900	59.9	81.4	83.9	86.2	88.6	89.7	90.9	92.6	93.5	94.0	94.0	94.0	94.0	94.2	94.6	94.6
GE 800	59.9	81.6	84.0	86.3	88.9	90.0	91.2	92.9	93.9	94.5	94.5	94.5	94.5	94.6	95.1	95.1
GE 700	59.9	81.9	84.3	86.3	89.4	90.5	91.7	93.5	94.5	95.4	95.4	95.4	95.4	95.7	96.2	96.2
GE 600	59.9	82.2	84.6	87.1	90.2	91.2	92.5	94.8	95.7	96.6	96.6	96.6	96.6	97.2	97.7	97.7
GE 500	59.9	82.2	84.6	87.1	90.2	91.2	92.5	95.1	96.0	96.9	96.9	96.9	96.9	97.5	98.6	98.6
GE 400	59.9	82.2	84.6	87.1	90.2	91.2	92.5	95.1	96.0	96.9	96.9	96.9	96.9	97.5	98.6	98.6
GE 300	59.9	82.2	84.6	87.1	90.2	91.2	92.5	95.1	96.0	96.9	96.9	96.9	96.9	97.5	98.6	98.6
GE 200	59.9	82.2	84.6	87.1	90.2	91.2	92.5	95.1	96.0	96.9	96.9	96.9	96.9	97.5	98.6	98.6
GE 100	59.9	82.2	84.6	87.1	90.2	91.2	92.5	95.1	96.0	96.9	96.9	96.9	96.9	97.5	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS: 651

NATIONAL CLIMATOLOGY SERVICE  
 WASHINGTON, D.C. 20541  
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 77150 STATION NAME: SPARRREVONN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: JAN HOURS(EST): 2100-2300

TIME (Z)	VISIBILITY IN STATUTE MILES															
	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12	13	14	15
0000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0100	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0200	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0300	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0400	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0500	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0600	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0700	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0800	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
0900	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1100	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1200	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1300	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1400	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1500	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1600	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1700	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1800	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1900	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2100	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2200	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
2300	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
GSAFFTAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JAN HOURS(IST): ALL

CEILING	VISIBILITY IN STATUTE MILES																	
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2
NO CEILING	33.3	41.3	42.0	42.5	43.0	43.4	43.5	43.5	43.6	43.6	43.9	44.0	44.2	44.3	44.3	44.3	44.3	44.3
GE 20000	39.4	42.5	43.2	43.7	44.2	44.7	44.8	44.8	44.9	45.0	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	36.2	44.4	45.1	45.5	46.2	46.7	46.7	46.8	46.9	47.2	47.2	47.2	47.5	47.6	47.6	47.6	47.6	47.6
GE 16000	37.2	45.4	46.1	46.5	47.1	47.6	47.7	47.7	47.8	47.8	48.1	48.2	48.4	48.5	48.5	48.5	48.5	48.5
GE 14000	37.5	45.7	46.4	46.9	47.5	48.0	48.0	48.1	48.1	48.2	48.4	48.5	48.8	48.9	48.9	48.9	48.9	48.9
GE 12000	38.3	46.7	47.4	47.9	48.4	49.0	49.0	49.1	49.2	49.2	49.5	49.5	49.8	49.9	49.9	49.9	49.9	49.9
GE 10000	39.5	48.5	49.2	49.8	50.3	50.8	50.8	50.9	51.0	51.0	51.3	51.4	51.6	51.7	51.7	51.7	51.7	51.7
GE 9000	40.0	49.2	49.9	50.4	50.9	51.4	51.5	51.6	51.6	51.7	51.9	52.0	52.3	52.4	52.4	52.4	52.4	52.4
GE 8000	44.8	54.5	55.3	55.9	56.5	57.0	57.1	57.2	57.2	57.3	57.5	57.6	57.9	58.0	58.0	58.0	58.0	58.0
GE 7000	51.7	62.7	63.6	64.3	64.9	65.4	65.5	65.6	65.6	65.7	65.9	66.0	66.3	66.4	66.4	66.4	66.4	66.4
GE 6000	54.1	65.4	66.3	67.1	67.6	68.1	68.2	68.3	68.4	68.5	68.7	68.8	69.1	69.2	69.2	69.2	69.2	69.2
GE 5000	56.5	68.6	69.7	70.4	71.0	71.5	71.6	71.8	71.9	72.0	72.2	72.3	72.6	72.7	72.7	72.7	72.7	72.7
GE 4000	57.6	70.1	71.2	71.9	72.5	73.1	73.1	73.4	73.4	73.5	73.7	73.8	74.1	74.2	74.2	74.2	74.2	74.2
GE 3000	59.0	72.0	73.1	73.9	74.5	75.0	75.1	75.3	75.4	75.4	75.7	75.8	76.1	76.1	76.2	76.2	76.2	76.2
GE 2000	63.8	74.7	76.0	76.8	77.4	77.9	78.1	78.3	78.4	78.4	78.7	78.8	79.1	79.1	79.2	79.2	79.2	79.2
GE 1000	61.8	76.3	77.8	78.5	79.3	79.8	80.1	80.3	80.4	80.5	80.7	80.8	81.1	81.2	81.2	81.2	81.2	81.2
GE 2500	67.4	78.3	80.0	81.2	82.0	82.6	82.9	83.2	83.3	83.4	83.6	83.7	84.0	84.1	84.1	84.1	84.1	84.1
GE 2000	69.3	79.7	81.6	83.1	84.2	84.9	85.4	85.9	86.0	86.1	86.5	86.5	86.8	86.9	86.9	86.9	86.9	86.9
GE 1800	69.5	79.9	81.8	83.4	84.7	85.5	86.1	86.7	86.8	86.9	87.2	87.3	87.6	87.7	87.7	87.7	87.7	87.7
GE 1600	69.7	80.7	82.9	84.4	86.3	87.2	87.8	88.9	89.1	89.3	89.7	89.8	90.1	90.1	90.2	90.2	90.2	90.2
GE 1400	65.1	81.2	83.5	85.5	87.2	88.2	88.9	90.4	90.6	90.9	91.4	91.5	91.8	91.9	91.9	91.9	91.9	91.9
GE 1200	65.2	81.7	84.1	86.2	88.1	89.1	90.0	91.8	92.0	92.6	93.1	93.2	93.6	93.7	93.7	93.7	93.7	93.7
GE 1000	65.7	81.9	84.5	86.5	88.5	89.6	90.5	92.5	92.8	93.5	94.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8
GE 900	65.4	82.1	84.8	86.9	88.9	90.0	90.9	93.1	93.4	94.2	94.9	95.0	95.4	95.5	95.6	95.6	95.6	95.6
GE 800	65.4	82.3	85.0	87.2	89.2	90.3	91.4	93.6	93.9	94.8	95.6	95.7	96.2	96.3	96.3	96.3	96.3	96.3
GE 700	65.5	82.4	85.1	87.3	89.4	90.5	91.6	93.9	94.3	95.3	96.2	96.3	96.8	96.9	96.9	96.9	96.9	96.9
GE 600	65.5	82.5	85.2	87.4	89.5	90.7	91.8	94.3	94.7	95.7	96.7	96.8	97.4	97.5	97.6	97.6	97.6	97.6
GE 500	65.5	82.5	85.2	87.4	89.6	90.7	91.9	94.5	94.9	96.1	97.1	97.4	98.4	98.6	98.7	98.7	98.7	98.7
GE 400	65.5	82.5	85.2	87.4	89.6	90.7	91.9	94.5	95.0	96.2	97.6	97.8	99.0	99.1	99.3	99.3	99.3	99.3
GE 300	65.5	82.5	85.2	87.4	89.6	90.7	91.9	94.5	95.0	96.2	97.8	97.9	99.3	99.5	99.7	99.7	99.7	99.7
GE 200	65.5	82.5	85.2	87.4	89.6	90.7	91.9	94.5	95.0	96.2	97.8	97.9	99.3	99.6	99.8	99.8	99.8	99.8
GE 100	65.5	82.5	85.2	87.4	89.6	90.7	91.9	94.5	95.0	96.2	97.8	97.9	99.3	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 5647

REGIONAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	10	6	5	4	3	2	1 1/2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3/8	1/8	1/16	0
NO. CEIL	1	36.2	36.2	36.3	36.8	37.2	37.2	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	37.9	37.9	
GE 20000	38.8	38.8	39.0	39.5	39.9	39.9	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.6	40.6		
GE 18000	41.4	41.4	41.5	42.1	42.5	42.5	42.7	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.1	43.1		
GE 16000	42.6	42.6	42.7	43.3	43.7	43.7	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.4	44.4		
GE 14000	44.8	44.8	44.9	45.4	45.8	45.8	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.5	46.5		
GE 12000	46.9	46.9	47.0	47.2	47.6	47.6	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.1	48.1	48.3	48.3		
GE 10000	47.7	47.8	48.0	48.5	48.9	49.1	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.7	49.7		
GE 9000	49.6	49.7	49.9	50.4	50.8	50.9	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.5	51.5	51.6	51.6		
GE 8000	53.6	53.8	53.9	54.4	54.8	55.0	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5	55.6	55.6		
GE 7000	61.6	62.0	62.1	62.5	63.0	63.2	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.2		
GE 6000	63.2	63.8	64.0	64.5	64.9	65.1	65.3	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.1	66.1		
GE 5000	66.1	67.1	67.2	67.7	68.1	68.3	68.5	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.5	69.5		
GE 4500	67.3	68.3	68.4	69.0	69.4	69.5	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.6	70.6	70.7	70.7		
GE 4000	70.3	71.2	71.4	71.9	72.3	72.4	72.7	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.7	73.7		
GE 3500	73.9	73.9	74.6	75.1	75.5	75.7	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.9	76.9	77.0	77.0		
GE 3000	74.1	75.3	76.1	76.6	77.3	77.6	78.0	78.6	78.6	79.0	79.0	79.0	79.0	79.2	79.2	79.3	79.3		
GE 2500	74.9	76.2	77.3	78.1	79.3	80.0	80.5	81.2	81.2	81.6	81.6	81.6	81.6	81.7	81.7	81.9	81.9		
GE 2000	76.6	78.2	79.3	80.1	81.7	82.5	83.2	84.0	84.0	84.4	84.4	84.4	84.4	84.5	84.5	84.7	84.7		
GE 1800	77.0	78.9	80.1	80.9	82.4	83.6	84.3	85.1	85.1	85.5	85.5	85.5	85.5	85.6	85.6	85.8	85.8		
GE 1500	78.5	81.2	82.4	83.9	86.6	87.4	88.0	89.2	89.2	89.7	89.7	89.7	89.7	89.8	89.8	89.9	89.9		
GE 1200	79.0	82.1	83.5	85.3	88.2	89.0	89.7	90.9	90.9	91.3	91.3	91.3	91.3	91.4	91.4	91.5	91.5		
GE 1000	79.2	82.4	84.1	86.3	89.0	89.8	90.6	91.8	91.8	92.9	92.9	92.9	92.9	93.0	93.0	93.1	93.1		
GE 900	79.2	82.5	84.3	86.2	89.1	89.9	91.0	92.3	92.3	93.4	93.4	93.4	93.4	93.5	93.5	93.7	93.7		
GE 800	79.2	82.7	84.5	86.4	89.4	90.2	91.4	92.7	92.9	94.0	94.0	94.0	94.0	94.2	94.2	94.4	94.4		
GE 700	79.2	82.7	84.7	86.5	89.8	90.6	91.9	93.4	93.5	94.8	95.0	95.0	95.0	95.4	95.4	95.6	95.6		
GE 600	79.3	82.8	84.8	86.7	90.3	91.1	92.5	94.1	94.2	95.4	95.8	95.8	95.8	96.2	96.2	96.4	96.4		
GE 500	79.3	82.8	84.8	86.7	90.3	91.1	92.5	94.2	94.4	95.8	96.4	96.4	96.4	97.0	97.0	97.3	97.4		
GE 400	79.4	82.9	84.9	86.3	90.5	91.3	92.6	94.4	94.5	96.2	97.3	97.3	97.3	98.1	98.1	98.4	98.5		
GE 300	79.4	82.9	84.9	86.3	90.5	91.3	92.6	94.4	94.5	96.2	97.4	97.4	97.4	98.4	98.4	98.9	99.1		
GE 200	79.4	82.9	84.9	86.3	90.5	91.3	92.6	94.4	94.5	96.4	97.6	97.6	97.6	98.7	98.8	99.5	99.6		
GE 100	79.4	82.9	84.9	86.3	90.5	91.3	92.6	94.4	94.5	96.4	97.6	97.6	97.6	98.7	98.8	99.9	100.0		
GE 0	79.4	82.9	84.9	86.3	90.5	91.3	92.6	94.4	94.5	96.4	97.6	97.6	97.6	98.7	98.8	99.9	100.0		

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR & OTHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 772350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1	1/2	3/4	1
NO CEIL	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	39.3	38.3	38.6	38.7	39.0	39.2	39.4	39.7	39.7	39.9	40.3	40.3	40.3	40.3	40.3	40.5
GE 18000	40.1	40.2	40.5	40.5	40.9	41.3	41.4	41.7	41.7	41.9	42.3	42.3	42.3	42.3	42.3	42.5
GE 16000	41.8	41.9	42.2	42.3	42.6	43.0	43.1	43.4	43.4	43.7	44.1	44.1	44.1	44.1	44.1	44.2
GE 14000	43.5	43.7	44.0	44.1	44.4	44.8	44.9	45.2	45.2	45.4	45.8	45.8	45.8	45.8	45.8	46.0
GE 12000	44.5	44.6	44.9	45.1	45.3	45.7	45.8	46.1	46.1	46.4	46.8	46.8	46.8	46.8	46.8	46.9
GE 10000	45.7	45.8	46.1	46.2	46.5	46.9	47.0	47.3	47.3	47.6	48.0	48.0	48.0	48.0	48.0	48.1
GE 9000	47.0	47.2	47.4	47.5	47.8	48.3	48.4	48.7	48.7	48.9	49.3	49.3	49.3	49.3	49.3	49.5
GE 8000	52.2	52.3	52.6	52.7	53.0	53.4	53.5	53.9	53.9	54.2	54.6	54.6	54.6	54.6	54.6	54.7
GE 7000	62.0	62.2	62.6	62.5	63.0	63.4	63.6	64.4	64.4	64.7	65.2	65.2	65.2	65.2	65.2	65.3
GE 6000	63.7	64.1	64.5	64.7	64.9	65.3	65.5	66.3	66.3	66.5	67.2	67.2	67.2	67.2	67.2	67.3
GE 5000	65.1	65.5	65.9	66.3	66.5	66.7	66.8	67.6	67.6	67.9	68.5	68.5	68.5	68.5	68.5	68.7
GE 4500	65.7	66.3	66.7	66.5	67.1	67.5	67.6	68.4	68.4	68.7	69.4	69.4	69.4	69.4	69.4	69.5
GE 4000	67.5	68.1	68.5	68.7	69.0	69.5	69.6	70.4	70.4	70.7	71.4	71.4	71.4	71.4	71.4	71.5
GE 3500	71.0	71.9	72.6	72.7	73.1	73.8	74.5	75.3	75.3	75.5	76.2	76.2	76.2	76.2	76.2	76.3
GE 3000	71.9	73.5	74.2	74.5	74.9	75.5	76.2	77.0	77.0	77.3	78.0	78.0	78.0	78.0	78.0	78.1
GE 2500	73.8	75.8	76.5	76.9	77.3	78.2	79.0	80.0	80.1	80.5	81.2	81.2	81.2	81.2	81.2	81.3
GE 2000	75.3	77.6	78.4	78.5	79.3	80.2	81.2	82.3	82.4	82.8	83.5	83.5	83.5	83.5	83.5	83.6
GE 1800	75.7	78.1	78.9	79.4	80.0	81.0	82.0	83.2	81.3	81.7	84.4	84.4	84.4	84.4	84.4	84.5
GE 1500	77.0	79.8	80.6	81.2	82.7	83.7	84.7	86.7	86.8	87.4	88.2	88.2	88.2	88.2	88.2	88.3
GE 1000	77.4	80.9	82.0	81.7	84.3	85.3	86.4	88.4	88.6	89.1	89.9	89.9	89.9	89.9	89.9	90.1
GE 900	78.0	81.6	82.9	83.7	85.5	86.7	87.8	89.8	89.9	90.9	91.8	91.8	91.9	91.9	91.9	92.1
GE 800	78.5	82.1	83.5	84.3	86.2	87.2	88.3	90.5	90.6	91.5	92.6	92.6	92.7	92.7	92.7	92.9
GE 700	78.6	82.5	83.9	84.7	86.6	87.6	88.7	91.1	91.3	92.2	93.4	93.4	93.5	93.5	93.5	93.7
GE 600	78.6	82.7	84.0	84.3	86.8	87.9	89.0	91.7	91.8	92.7	94.2	94.2	94.5	94.5	94.5	94.6
GE 500	78.8	82.8	84.1	85.2	87.5	88.6	89.7	92.7	92.9	93.8	95.7	95.7	96.1	96.2	96.4	96.5
GE 400	78.8	82.8	84.1	85.2	87.5	88.7	89.8	93.1	93.3	94.9	96.8	96.8	97.2	97.3	97.6	97.8
GE 300	78.9	83.3	84.7	85.4	88.2	89.2	90.3	94.0	94.1	95.7	97.7	97.7	98.4	98.5	98.8	99.1
GE 200	78.9	83.3	84.7	85.4	88.2	89.2	90.5	94.1	94.2	95.8	97.8	97.8	98.5	98.7	99.1	99.3
GE 100	78.9	83.3	84.8	85.2	88.4	89.5	90.7	94.4	94.5	96.1	98.3	98.3	99.1	99.2	99.6	99.9
GE 0	78.9	83.3	84.8	85.2	88.4	89.5	90.7	94.4	94.5	96.1	98.3	98.3	99.1	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(UT): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	39.2	32.7	32.9	33.2	33.3	33.3	33.3	33.3	33.3	33.3	33.5	34.3	34.3	34.4	34.4	34.5
GE 20000	34.5	36.3	36.6	36.8	37.0	37.0	37.0	37.0	37.0	37.0	37.1	37.9	37.9	38.0	38.0	38.2
GE 18000	35.9	37.8	38.0	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.6	39.4	39.4	39.5	39.5	39.7
GE 16000	37.5	39.5	39.8	40.1	40.2	40.2	40.2	40.2	40.2	40.2	40.3	41.1	41.1	41.3	41.3	41.4
GE 14000	38.3	40.3	40.6	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.1	41.9	41.9	42.1	42.1	42.2
GE 12000	39.4	41.9	42.2	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.7	43.5	43.5	43.7	43.7	43.8
GE 10000	41.1	43.4	43.7	44.2	44.1	44.1	44.1	44.1	44.1	44.1	44.2	45.0	45.0	45.2	45.2	45.3
GE 9000	41.7	44.0	44.2	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.8	45.6	45.6	45.7	45.7	45.8
GE 8000	47.2	49.6	49.9	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.4	51.2	51.2	51.3	51.3	51.5
GE 7000	56.7	59.4	59.7	60.1	60.2	60.2	60.2	60.2	60.8	60.8	60.9	61.7	61.7	62.0	62.0	62.1
GE 6000	59.1	62.0	62.4	62.8	63.2	63.2	63.2	63.3	63.8	63.8	64.0	64.8	64.8	65.1	65.1	65.2
GE 5000	59.9	62.9	63.3	63.7	64.1	64.1	64.2	64.8	64.8	64.8	64.9	65.7	65.7	66.0	66.0	66.1
GE 4500	60.5	63.6	64.0	64.4	64.9	64.9	64.9	65.1	65.6	65.6	65.7	66.5	66.5	66.8	66.8	66.9
GE 4000	63.3	66.5	67.1	67.5	68.1	68.1	68.3	69.0	69.0	69.0	69.1	69.9	69.9	70.2	70.2	70.3
GE 3500	66.3	69.6	70.3	70.3	71.8	71.8	72.0	72.8	72.8	72.8	73.0	73.8	73.8	74.2	74.2	74.3
GE 3000	67.6	71.4	72.2	72.4	73.9	74.1	74.3	75.3	75.3	75.3	75.4	76.2	76.2	76.6	76.6	76.7
GE 2500	69.0	73.1	73.9	75.1	76.3	76.5	76.9	78.1	78.1	78.2	78.2	79.2	79.2	79.6	79.6	79.7
GE 2000	69.4	73.7	74.7	76.5	77.7	77.8	78.4	79.7	80.0	80.2	80.2	81.2	81.2	81.7	81.7	81.9
GE 1800	69.4	73.7	74.7	76.5	77.7	77.8	78.4	79.7	80.0	80.2	80.2	81.2	81.2	81.7	81.7	81.9
GE 1500	70.6	76.2	78.0	79.7	81.3	81.5	82.4	83.9	84.1	84.4	84.4	85.6	85.6	86.2	86.2	86.3
GE 1200	71.6	77.7	79.6	81.5	83.2	83.5	84.5	86.2	86.4	86.7	87.9	87.9	88.4	88.4	88.6	88.6
GE 1000	71.8	77.8	79.7	81.7	83.6	84.0	85.5	87.5	87.9	88.7	88.7	90.1	90.1	91.0	91.0	91.1
GE 900	71.9	78.0	79.8	82.0	83.7	84.4	85.9	88.3	88.7	88.7	89.5	91.0	91.0	91.9	91.9	92.1
GE 800	72.0	78.1	80.0	82.1	83.9	84.7	86.2	89.0	89.4	90.5	92.7	92.7	93.1	93.1	93.4	93.4
GE 700	72.0	78.1	80.0	82.3	84.1	85.1	86.6	89.7	90.1	91.4	91.4	93.4	94.4	94.4	94.8	94.8
GE 600	72.2	78.2	80.1	82.4	84.4	85.3	87.0	90.3	90.7	92.3	94.6	94.6	95.6	95.6	96.0	96.0
GE 500	72.3	78.4	80.5	82.4	84.8	85.8	87.5	90.9	91.4	93.3	96.1	96.1	97.2	97.2	97.6	97.6
GE 400	72.3	78.5	80.6	83.3	85.3	86.3	88.3	91.7	92.2	94.1	97.2	97.2	98.4	98.4	98.8	98.8
GE 300	72.3	78.5	80.6	83.5	85.5	86.4	88.4	91.9	92.5	94.5	97.7	97.7	99.1	99.1	99.6	99.6
GE 200	72.3	78.5	80.6	83.5	85.5	86.4	88.4	91.9	92.5	94.6	98.1	98.1	99.5	99.5	100.0	100.0
GE 100	72.3	78.5	80.6	83.5	85.5	86.4	88.4	91.9	92.5	94.6	98.1	98.1	99.5	99.5	100.0	100.0
GE 0	72.3	78.5	80.6	83.5	85.5	86.4	88.4	91.9	92.5	94.6	98.1	98.1	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 734

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702359 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(LST): 0300-0500

CEILING				VISIBILITY IN STATUTE MILES													
IN FEET	1	1/2	5/8	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	
NO CEIL	1	1/2	5/8	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	
NO CEIL	34.2	42.7	42.9	43.1	43.1	43.3	43.3	43.7	43.7	43.7	44.1	44.1	44.6	44.8	44.8	44.8	
GE 20000	34.7	43.8	44.0	44.2	44.2	44.4	44.4	44.8	44.8	44.8	45.2	45.2	45.7	45.8	45.8	45.8	
GE 18000	35.6	44.8	44.9	45.2	45.2	45.3	45.3	45.7	45.7	45.7	46.1	46.1	46.6	46.8	46.8	46.8	
GE 16000	36.6	45.7	45.8	46.1	46.1	46.2	46.2	46.6	46.6	46.6	47.0	47.0	47.6	47.7	47.7	47.7	
GE 14000	36.7	45.8	46.0	46.2	46.2	46.4	46.4	46.8	46.8	46.8	47.2	47.2	47.7	47.8	47.8	47.8	
GE 12000	38.2	47.7	47.8	48.1	48.1	48.3	48.3	48.7	48.7	48.7	49.1	49.1	49.6	49.7	49.7	49.7	
GE 10000	39.5	49.1	49.2	49.5	49.5	49.6	49.6	50.0	50.0	50.0	50.4	50.4	50.9	51.1	51.1	51.1	
GE 9000	40.3	49.9	50.0	50.3	50.3	50.4	50.4	50.8	50.8	50.8	51.2	51.2	51.7	51.9	51.9	51.9	
GE 8000	46.6	56.7	56.9	57.1	57.1	57.3	57.3	57.7	57.7	57.7	58.1	58.1	58.6	58.7	58.7	58.7	
GE 7000	50.7	61.4	61.7	62.3	62.4	62.5	62.5	62.9	62.9	62.9	63.3	63.3	63.8	64.0	64.0	64.0	
GE 6000	52.7	64.1	64.8	65.1	65.5	65.6	65.6	66.0	66.0	66.0	66.4	66.4	66.9	67.1	67.1	67.1	
GE 5000	53.5	65.6	66.5	66.9	67.3	67.5	67.5	67.9	67.9	67.9	68.3	68.3	68.8	69.0	69.0	69.0	
GE 4500	54.7	66.8	67.9	68.3	68.7	68.8	68.8	69.2	69.2	69.2	69.6	69.6	70.2	70.3	70.3	70.3	
GE 4000	55.8	68.3	69.5	70.2	70.8	71.0	71.0	71.4	71.4	71.4	71.8	71.8	72.3	72.4	72.4	72.4	
GE 3500	56.5	69.6	71.0	71.9	73.1	73.3	73.3	73.7	73.7	73.8	74.2	74.2	74.7	74.9	74.9	74.9	
GE 3000	56.7	71.1	73.1	74.1	75.5	75.7	75.8	76.3	76.3	76.5	76.9	76.9	77.4	77.6	77.6	77.6	
GE 2500	57.4	72.2	74.2	75.5	77.8	78.0	78.1	78.6	78.6	78.8	79.2	79.2	79.7	79.8	79.8	79.8	
GE 2000	57.5	73.1	75.3	76.9	79.0	79.2	79.7	80.4	80.5	80.9	81.3	81.3	81.9	82.0	82.0	82.0	
GE 1800	57.9	73.7	75.8	77.9	80.0	80.1	80.6	81.3	81.6	82.0	82.4	82.4	82.9	83.1	83.1	83.1	
GE 1500	58.6	75.5	78.5	80.2	83.7	83.9	84.8	85.5	85.8	86.3	86.7	86.7	87.2	87.4	87.4	87.4	
GE 1200	59.1	77.0	80.2	82.1	86.0	86.2	87.1	88.0	88.3	88.8	89.2	89.2	89.8	89.9	89.9	89.9	
GE 1000	59.1	77.3	80.8	82.9	86.7	86.8	87.9	89.2	89.5	91.1	92.2	92.2	92.9	93.0	93.0	93.0	
GE 900	59.1	77.6	81.0	83.2	87.1	87.4	88.4	89.9	90.2	91.8	92.9	92.9	93.5	93.7	93.7	93.7	
GE 800	59.1	77.7	81.2	83.3	87.4	87.8	89.2	91.5	91.8	93.5	94.6	94.6	95.6	95.7	95.7	95.7	
GE 700	59.1	77.7	81.3	83.5	87.5	87.9	89.4	91.7	91.9	93.8	95.2	95.2	96.1	96.2	96.6	96.6	
GE 600	59.1	77.7	81.3	83.5	87.5	87.9	89.7	91.9	92.2	94.2	95.6	95.6	96.5	96.6	97.2	97.2	
GE 500	59.1	77.7	81.5	83.5	87.6	88.0	89.8	92.1	92.3	94.4	95.8	95.8	97.4	97.6	98.1	98.1	
GE 400	59.1	77.7	81.5	83.5	87.6	88.0	90.2	92.7	93.0	95.0	96.6	96.6	98.3	98.4	98.9	98.9	
GE 300	59.1	77.7	81.5	83.5	87.6	88.0	90.2	92.7	93.0	95.4	97.2	97.2	99.4	99.1	99.6	99.6	
GE 200	59.1	77.7	81.5	83.5	87.6	88.0	90.2	92.7	93.0	95.4	97.3	97.3	99.1	99.2	99.7	99.7	
GE 100	59.1	77.7	81.5	83.5	87.6	88.0	90.2	92.7	93.0	95.4	97.3	97.3	99.2	99.3	99.9	99.9	
GE 0	59.1	77.7	81.5	83.5	87.6	88.0	90.2	92.7	93.0	95.4	97.3	97.3	99.2	99.3	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	36.6	44.8	44.8	44.9	45.0	45.0	45.0	45.3	45.3	45.3	45.8	45.8	46.2	46.6	46.6	46.6
GE 20000	37.5	46.5	46.5	46.5	46.8	46.8	46.8	47.2	47.2	47.2	47.7	47.7	48.1	48.5	48.5	48.5
GE 18000	38.3	47.3	47.3	47.3	47.6	47.6	47.6	48.0	48.0	48.0	48.5	48.5	48.9	49.3	49.3	49.3
GE 16000	39.5	48.5	48.5	48.5	48.8	48.8	48.8	49.2	49.2	49.2	49.7	49.7	50.1	50.5	50.5	50.5
GE 14000	39.9	48.9	48.9	48.9	49.2	49.2	49.2	49.6	49.6	49.6	50.1	50.1	50.5	50.9	50.9	50.9
GE 12000	41.4	50.7	50.7	50.7	50.9	50.9	50.9	51.3	51.3	51.3	51.9	51.9	52.3	52.7	52.7	52.7
GE 10000	43.4	53.0	53.0	53.0	53.2	53.2	53.2	53.6	53.6	53.6	54.2	54.2	54.6	55.0	55.0	55.0
GE 9000	44.1	53.8	53.8	53.8	54.0	54.0	54.0	54.4	54.4	54.4	55.0	55.0	55.4	55.8	55.8	55.8
GE 8000	49.7	60.6	60.9	60.9	61.2	61.2	61.2	61.6	61.6	61.6	62.1	62.1	62.5	62.9	62.9	62.9
GE 7000	54.9	65.9	66.3	66.3	66.5	66.5	66.5	66.9	66.9	66.9	67.5	67.5	67.9	68.3	68.3	68.3
GE 6000	55.5	67.1	67.5	67.5	67.9	67.9	67.9	68.3	68.3	68.3	68.8	68.8	69.2	69.6	69.6	69.6
GE 5000	56.6	68.7	69.1	69.4	69.6	69.6	69.6	70.0	70.0	70.0	70.6	70.6	71.0	71.4	71.4	71.4
GE 4500	57.5	70.8	71.2	71.5	71.9	71.9	71.9	72.3	72.3	72.3	72.8	72.8	73.3	73.7	73.7	73.7
GE 4000	59.0	73.4	73.9	74.2	74.6	74.6	74.6	75.0	75.0	75.0	75.5	75.5	75.9	76.3	76.3	76.3
GE 3500	59.5	73.9	74.6	74.9	75.3	75.4	75.7	76.1	76.1	76.1	76.6	76.6	77.0	77.4	77.4	77.4
GE 3000	59.9	75.4	76.2	76.5	77.0	77.2	77.4	77.8	77.8	77.8	78.4	78.4	78.8	79.2	79.2	79.2
GE 2500	61.2	77.4	78.4	79.5	80.9	81.0	81.3	81.9	81.9	81.9	82.4	82.4	82.8	83.2	83.2	83.2
GE 2000	61.6	78.0	79.0	80.4	82.0	82.1	82.5	83.2	83.2	83.2	83.7	83.7	84.1	84.5	84.5	84.5
GE 1800	61.8	78.2	79.3	80.5	82.5	82.7	83.5	84.1	84.1	84.1	84.7	84.7	85.1	85.5	85.5	85.5
GE 1600	62.0	79.0	80.6	82.0	84.0	84.1	85.3	86.3	86.3	86.3	86.8	86.8	87.2	87.6	87.6	87.6
GE 1400	62.4	79.4	81.0	82.7	85.1	85.3	86.6	88.0	88.2	88.7	89.5	89.5	89.9	90.3	90.3	90.3
GE 1200	62.5	79.7	81.9	83.5	86.3	86.6	87.9	89.8	89.9	91.4	92.2	92.2	92.6	93.0	93.4	93.4
GE 1000	63.2	80.6	82.9	84.7	87.4	88.0	89.5	91.7	91.8	93.3	94.4	94.4	94.8	95.2	95.6	95.6
GE 900	63.3	80.8	83.1	84.9	87.6	88.4	90.1	92.2	92.3	93.8	94.0	95.0	95.4	95.8	96.2	96.2
GE 800	63.4	80.9	83.2	85.1	87.8	88.6	90.2	92.5	92.6	94.2	95.4	95.4	95.8	96.2	96.8	96.8
GE 700	63.4	81.0	83.3	85.2	87.9	88.7	90.3	92.7	92.9	94.6	95.8	95.8	96.2	96.6	97.2	97.2
GE 600	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 500	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 400	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 300	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 200	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 100	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3
GE 0	63.4	81.0	83.3	85.2	88.0	88.8	90.5	92.9	93.0	94.8	96.1	96.1	97.0	97.4	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 202350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.5	48.6	49.0	49.5	49.7	49.8	49.9	50.2	50.3	50.5	51.2	51.3	51.8	51.9	52.0	52.0	
GE 20000	45.1	50.2	50.7	51.1	51.3	51.4	51.6	52.0	52.0	52.2	53.0	53.0	53.6	53.7	53.7	53.7	
GE 18000	46.3	51.5	52.0	52.4	52.6	52.7	52.9	53.3	53.4	53.5	54.3	54.3	54.9	55.0	55.0	55.1	
GE 16000	47.1	52.4	52.8	53.3	53.5	53.6	53.7	54.1	54.2	54.4	55.1	55.2	55.8	55.9	55.9	55.9	
GE 14000	47.7	52.9	53.4	53.9	54.1	54.2	54.4	54.8	54.8	55.0	55.7	55.8	56.4	56.5	56.5	56.6	
GE 12000	48.3	53.6	54.1	54.5	54.8	54.9	55.1	55.5	55.5	55.7	56.5	56.5	57.1	57.2	57.2	57.3	
GE 10000	49.6	55.5	56.0	56.5	56.7	56.9	57.0	57.4	57.5	57.6	58.4	58.5	59.0	59.1	59.1	59.2	
GE 9000	50.1	56.1	56.6	57.1	57.3	57.5	57.6	58.0	58.1	58.3	59.0	59.1	59.7	59.8	59.8	59.8	
GE 8000	53.4	60.5	61.1	61.7	62.0	62.1	62.2	62.7	62.8	62.9	63.7	63.7	64.3	64.4	64.4	64.5	
GE 7000	59.1	67.6	68.5	69.4	69.9	70.1	70.2	70.7	70.8	71.0	71.7	71.8	72.4	72.5	72.5	72.6	
GE 6000	60.2	69.2	70.2	71.1	71.7	71.8	72.0	72.5	72.6	72.8	73.6	73.6	74.2	74.3	74.3	74.4	
GE 5000	62.2	72.2	73.2	74.3	75.0	75.2	75.4	75.9	76.0	76.1	76.9	77.0	77.6	77.7	77.7	77.8	
GE 4500	63.3	73.4	74.6	75.5	76.4	76.5	76.7	77.2	77.3	77.5	78.3	78.3	78.9	79.0	79.0	79.1	
GE 4000	65.0	75.6	76.8	77.7	78.7	78.9	79.2	79.7	79.8	80.0	80.8	80.9	81.5	81.6	81.6	81.7	
GE 3500	66.2	77.2	78.5	79.5	80.7	80.9	81.2	81.8	82.0	82.2	83.1	83.2	83.9	84.0	84.0	84.1	
GE 3000	67.0	78.4	79.9	81.3	82.2	82.6	83.1	83.8	84.0	84.3	85.2	85.3	86.0	86.1	86.1	86.2	
GE 2500	67.8	79.6	81.2	82.5	83.9	84.4	84.8	85.7	86.0	86.3	87.2	87.3	88.0	88.1	88.1	88.2	
GE 2000	68.6	80.7	82.7	84.2	85.9	86.3	86.7	87.0	88.0	88.3	89.7	89.8	90.6	90.7	90.7	90.8	
GE 1800	69.8	81.0	83.1	84.7	86.4	87.0	87.7	88.9	89.2	89.7	90.7	90.7	91.5	91.6	91.7	91.7	
GE 1500	69.7	81.7	83.9	85.5	87.4	88.0	88.9	90.2	90.5	91.0	92.0	92.1	92.9	93.0	93.0	93.1	
GE 1200	69.6	82.4	84.8	86.5	88.4	89.0	89.9	91.3	91.6	92.3	93.3	93.4	94.3	94.4	94.4	94.5	
GE 1000	69.7	82.6	85.2	87.3	89.0	89.6	90.6	91.9	92.3	93.1	94.2	94.3	95.2	95.3	95.4	95.4	
GE 900	69.7	82.7	85.3	87.1	89.1	89.7	90.7	92.2	92.5	93.4	94.7	94.8	95.7	95.8	95.8	95.9	
GE 800	69.7	82.8	85.4	87.3	89.2	89.9	90.9	92.4	92.8	93.7	95.1	95.2	96.1	96.2	96.2	96.3	
GE 700	69.7	82.9	85.5	87.4	89.3	90.0	91.1	92.7	93.1	94.0	95.4	95.6	96.5	96.6	96.7	96.7	
GE 600	69.7	82.9	85.5	87.4	89.4	90.1	91.1	92.8	93.2	94.2	95.7	95.9	96.9	97.0	97.0	97.1	
GE 500	69.8	83.0	85.7	87.5	89.5	90.2	91.3	92.9	93.4	94.5	96.3	96.5	97.6	97.8	97.9	97.9	
GE 400	69.8	83.1	85.7	87.5	89.6	90.3	91.4	93.1	93.5	94.8	96.9	97.2	98.4	98.6	98.7	98.8	
GE 300	69.8	83.1	85.7	87.7	89.7	90.4	91.4	93.1	93.6	94.8	97.2	97.5	99.0	99.2	99.3	99.4	
GE 200	69.8	83.1	85.7	87.7	89.7	90.4	91.4	93.1	93.6	94.9	97.3	97.6	99.2	99.4	99.6	99.7	
GE 100	69.8	83.1	85.7	87.7	89.7	90.4	91.4	93.1	93.6	94.9	97.3	97.7	99.3	99.5	99.7	99.9	
GE 0	69.8	83.1	85.7	87.7	89.7	90.4	91.4	93.1	93.6	94.9	97.3	97.7	99.3	99.5	99.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5292

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS/DAYS: 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	94.7	94.3	95.0	95.4	95.6	95.9	96.7	97.4	97.4	97.5	98.8	98.8	99.0	99.0	99.0	99.0
GE 20000	95.5	95.4	96.1	96.5	96.7	97.1	97.9	98.5	98.5	98.7	99.9	99.9	60.1	60.1	60.1	60.1
GE 18000	96.3	96.4	97.1	97.5	97.7	98.0	98.8	99.5	99.5	99.6	60.9	60.9	61.1	61.1	61.1	61.1
GE 16000	96.3	96.4	97.1	97.5	97.7	98.0	98.8	99.5	99.5	99.6	60.9	60.9	61.1	61.1	61.1	61.1
GE 14000	96.6	96.7	97.4	97.9	98.2	98.5	99.3	99.9	99.9	60.1	61.4	61.4	61.5	61.5	61.5	61.5
GE 12000	96.8	97.2	97.9	98.5	99.7	99.0	99.8	60.4	60.4	60.6	61.9	61.9	62.0	62.0	62.0	62.0
GE 10000	97.8	99.0	99.6	60.1	60.4	60.7	61.5	62.2	62.2	62.3	63.6	63.6	63.8	63.8	63.8	63.8
GE 9000	98.2	99.8	60.4	60.9	61.2	61.5	62.3	63.0	63.0	63.1	64.4	64.4	64.6	64.6	64.6	64.6
GE 8000	99.9	60.3	67.0	67.3	68.3	68.6	69.4	70.2	70.2	70.4	71.6	71.6	71.8	71.8	71.8	71.8
GE 7000	96.7	71.8	72.9	73.2	74.5	74.8	75.6	76.4	76.4	76.6	77.9	77.9	78.0	78.0	78.0	78.0
GE 6000	97.5	73.4	74.5	75.5	76.3	76.6	77.4	78.2	78.2	78.4	79.6	79.6	79.8	79.8	79.8	79.8
GE 5000	99.5	75.3	76.4	77.7	78.8	79.2	80.0	80.8	80.8	80.9	82.2	82.2	82.4	82.4	82.4	82.4
GE 4500	98.7	76.0	77.1	78.5	79.5	79.8	80.6	81.4	81.4	81.6	82.9	82.9	83.0	83.0	83.0	83.0
GE 4000	98.8	77.1	78.2	79.5	80.8	81.1	82.1	82.9	82.9	83.2	84.5	84.5	84.6	84.6	84.6	84.6
GE 3500	60.1	78.7	79.8	81.3	82.4	82.7	83.7	84.5	84.5	84.8	86.1	86.1	86.2	86.2	86.2	86.2
GE 3000	67.3	79.5	80.6	82.1	83.3	83.8	85.1	85.9	85.9	86.2	87.7	87.7	87.8	87.8	87.8	87.8
GE 2500	60.6	80.1	81.4	83.3	84.9	85.4	86.7	87.5	87.5	87.8	89.4	89.4	89.6	89.6	89.6	89.6
GE 2000	67.9	80.6	82.4	84.3	86.7	87.2	88.6	89.6	89.6	90.1	91.7	91.7	91.8	91.8	91.8	91.8
GE 1800	61.4	81.1	82.9	85.4	87.3	87.8	89.3	90.2	90.2	90.7	92.3	92.3	92.5	92.5	92.5	92.5
GE 1600	61.7	81.4	83.2	85.7	87.8	88.3	89.9	91.2	91.2	91.7	93.3	93.4	93.6	93.6	93.6	93.6
GE 1400	62.0	82.1	84.3	86.9	89.3	89.7	91.3	92.8	92.8	93.4	95.0	95.2	95.5	95.5	95.5	95.5
GE 1000	62.2	82.4	85.1	87.7	90.5	91.0	92.6	94.1	94.1	94.9	96.6	96.8	97.1	97.1	97.1	97.1
GE 900	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.6	94.7	95.5	97.4	97.6	97.9	97.9	97.9
GE 800	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.6	94.7	95.5	97.4	97.6	97.9	97.9	97.9
GE 700	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.6	94.7	95.5	97.4	97.6	97.9	97.9	97.9
GE 600	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 500	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 400	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 300	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 200	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 100	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	97.9
GE 0	62.2	82.5	85.3	87.8	90.7	91.2	92.8	94.6	94.7	94.9	95.7	97.4	97.6	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 624

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70250 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	45.1	50.1	51.1	51.5	51.8	51.8	51.8	52.4	52.6	52.6	53.3	53.3	53.6	53.8	53.8	54.1
GE 20000	46.2	51.8	52.8	53.3	53.4	53.4	53.4	54.1	54.3	54.3	54.9	54.9	55.3	55.4	55.4	55.8
GE 18000	47.1	52.6	53.6	54.1	54.3	54.3	54.3	54.9	55.1	55.1	55.8	55.8	56.1	56.3	56.3	56.6
GE 16000	48.2	53.8	54.8	55.3	55.4	55.4	55.4	56.1	56.3	56.3	57.0	57.0	57.3	57.5	57.5	57.8
GE 14000	48.7	54.3	55.3	55.8	55.9	55.9	55.9	56.6	56.8	56.8	57.5	57.5	57.8	58.0	58.0	58.3
GE 12000	49.1	54.6	55.6	56.1	56.3	56.3	56.3	57.0	57.1	57.1	57.8	57.8	58.1	58.3	58.3	58.6
GE 10000	50.6	56.4	57.5	58.3	58.1	58.1	58.1	58.8	59.0	59.0	59.6	59.6	60.0	60.1	60.1	60.5
GE 9000	51.4	57.5	58.5	59.3	59.1	59.1	59.1	59.8	60.0	60.0	60.6	60.6	61.0	61.1	61.1	61.5
GE 8000	54.9	62.6	63.7	64.2	64.3	64.3	64.3	65.0	65.2	65.2	65.8	65.8	66.2	66.3	66.3	66.7
GE 7000	60.3	69.7	71.4	72.2	72.9	72.9	72.9	73.5	73.7	73.9	74.5	74.5	74.9	75.0	75.0	75.4
GE 6000	69.6	70.5	72.2	73.3	73.7	73.7	73.7	74.4	74.5	74.7	75.4	75.4	75.7	75.9	75.9	76.2
GE 5000	61.0	72.2	74.0	75.2	76.5	76.5	76.5	77.2	77.4	77.6	78.2	78.2	78.6	78.7	78.7	79.1
GE 4500	61.5	72.7	74.5	75.2	77.4	77.4	77.4	78.1	78.2	78.4	79.1	79.1	79.4	79.6	79.6	79.9
GE 4000	61.6	73.9	75.9	77.2	79.1	79.1	79.1	79.7	79.9	80.1	80.7	80.7	81.1	81.2	81.2	81.6
GE 3500	62.3	75.4	77.7	79.2	81.2	81.2	81.2	81.9	82.1	82.2	82.9	82.9	83.2	83.4	83.4	83.8
GE 3000	63.3	77.2	79.7	81.2	83.8	84.3	84.4	85.3	85.4	85.6	86.3	86.3	86.6	86.8	86.8	87.1
GE 2500	63.7	78.1	80.6	82.2	84.8	85.4	85.8	87.4	87.6	87.8	88.4	88.4	88.8	88.9	88.9	89.3
GE 2000	64.8	79.2	82.1	83.7	86.9	87.8	88.3	90.1	90.3	90.5	91.1	91.1	91.5	91.6	91.6	92.0
GE 1800	65.2	79.6	82.4	84.5	87.8	88.6	89.1	91.1	91.3	91.6	92.3	92.3	92.6	92.8	92.8	93.1
GE 1500	65.3	79.9	82.9	85.1	88.4	89.3	89.8	91.8	92.0	92.3	93.0	93.0	93.3	93.5	93.5	93.9
GE 1200	65.5	80.6	83.8	85.9	89.3	90.1	90.6	93.0	93.1	93.5	94.1	94.1	94.5	94.6	94.6	95.0
GE 1000	65.5	80.7	84.3	86.4	89.8	90.6	91.1	93.5	93.6	94.1	94.8	94.8	95.1	95.3	95.3	95.6
GE 900	65.7	81.2	84.8	86.7	90.3	91.1	91.6	94.0	94.1	94.6	95.3	95.3	95.6	95.8	95.8	96.1
GE 800	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.6	95.3	96.0	96.0	96.3	96.5	96.5	96.8
GE 700	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.6	95.3	96.0	96.0	96.3	96.5	96.5	96.8
GE 600	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.6	95.6	96.3	96.3	96.6	96.8	97.0	97.3
GE 500	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	97.0	97.0	97.5	97.7	97.8	98.2
GE 400	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	97.8	98.0	98.7	98.8	99.0	99.3
GE 300	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	97.8	98.0	99.2	99.3	99.5	99.8
GE 200	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	97.8	98.0	99.2	99.3	99.5	99.8
GE 100	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	98.0	98.2	99.3	99.5	99.7	100.0
GE 0	65.8	81.6	85.1	87.3	90.6	91.5	92.0	94.5	94.8	96.0	98.0	98.2	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 527

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	41.6	42.8	43.1	43.4	43.5	43.8	44.0	44.3	44.3	44.3	44.3	44.7	44.9	45.3	45.3	45.3	45.3
GE 20000	43.5	44.7	45.0	45.3	45.5	45.8	45.9	46.3	46.3	46.3	46.8	46.9	47.4	47.4	47.4	47.4	47.7
GE 18000	45.3	46.5	46.8	47.1	47.2	47.5	47.7	48.1	48.1	48.1	48.6	48.7	49.2	49.2	49.2	49.2	49.5
GE 16000	46.3	47.5	47.8	48.1	48.3	48.6	48.7	49.2	49.2	49.2	49.6	49.8	50.2	50.2	50.2	50.2	50.5
GE 14000	46.9	48.1	48.4	48.7	49.0	49.3	49.5	49.9	49.9	49.9	50.4	50.5	51.0	51.0	51.0	51.0	51.3
GE 12000	48.6	49.8	50.1	50.4	50.7	51.0	51.1	51.6	51.7	51.7	52.2	52.3	52.8	52.8	52.8	52.8	53.1
GE 10000	49.5	50.7	51.0	51.3	51.6	51.9	52.0	52.5	52.6	52.6	53.1	53.2	53.7	53.7	53.7	53.7	53.9
GE 9000	50.1	51.4	51.7	52.0	52.3	52.6	52.8	53.2	53.4	53.4	53.8	53.9	54.4	54.4	54.4	54.4	54.7
GE 8000	54.5	56.2	56.8	57.2	57.5	57.8	58.0	58.4	58.6	58.6	59.0	59.2	59.6	59.6	59.6	59.6	59.9
GE 7000	62.7	65.6	66.3	66.3	67.7	68.0	68.1	68.7	68.9	68.9	69.3	69.4	69.9	69.9	69.9	69.9	70.2
GE 6000	63.6	66.6	67.4	67.5	68.7	69.0	69.2	69.7	70.0	70.0	70.5	70.6	71.1	71.1	71.1	71.1	71.4
GE 5000	66.9	69.9	70.6	71.1	72.1	72.4	72.6	73.2	73.5	73.5	73.9	74.1	74.5	74.5	74.5	74.5	74.8
GE 4500	69.0	72.1	73.0	73.5	74.5	74.8	75.0	75.6	75.9	75.9	76.3	76.5	76.9	76.9	76.9	76.9	77.2
GE 4000	71.8	75.0	75.9	76.5	77.5	77.8	77.9	78.6	79.1	79.1	79.6	79.7	80.3	80.3	80.3	80.3	80.6
GE 3500	74.1	77.3	78.2	78.9	80.3	80.6	80.8	81.7	82.1	82.1	82.7	82.9	83.6	83.6	83.6	83.6	83.9
GE 3000	75.0	78.8	79.9	80.5	82.4	82.7	82.9	84.4	84.9	84.9	85.5	85.7	86.4	86.4	86.4	86.4	86.7
GE 2500	76.8	81.1	82.3	82.7	84.8	85.1	85.2	86.9	87.6	87.6	88.4	88.5	89.3	89.3	89.3	89.3	89.6
GE 2000	79.7	83.5	84.6	85.2	87.2	87.5	87.8	89.4	90.2	90.2	90.9	91.1	91.8	91.8	91.8	91.8	92.1
GE 1800	78.8	83.6	84.8	85.5	87.5	87.9	88.2	90.0	90.8	90.8	91.5	91.7	92.4	92.4	92.4	92.4	92.7
GE 1500	79.9	84.9	86.1	87.0	89.0	89.4	89.9	91.7	92.4	92.4	93.1	93.3	94.0	94.0	94.0	94.0	94.3
GE 1200	80.0	85.2	86.4	87.5	89.4	89.9	90.3	92.1	92.8	92.8	93.6	93.7	94.5	94.5	94.5	94.5	94.8
GE 1000	80.0	85.2	86.7	87.7	89.9	90.3	90.8	92.5	93.3	93.4	94.2	94.3	95.1	95.1	95.1	95.1	95.4
GE 900	80.0	85.2	86.7	87.7	89.9	90.3	90.8	92.5	93.3	93.7	94.6	94.8	95.5	95.5	95.5	95.5	95.8
GE 800	80.0	85.7	87.2	88.4	90.3	90.8	91.2	93.0	93.7	94.2	95.2	95.4	96.1	96.1	96.1	96.1	96.4
GE 700	80.0	85.8	87.3	88.5	90.5	90.9	91.4	93.1	93.9	94.5	95.8	96.1	96.9	96.9	96.9	96.9	97.2
GE 600	80.0	85.8	87.3	88.5	90.5	90.9	91.4	93.1	94.0	94.8	96.3	96.6	97.3	97.3	97.3	97.3	97.6
GE 500	80.0	85.8	87.3	88.5	90.5	90.9	91.4	93.1	94.0	94.8	96.4	96.9	97.9	97.9	97.9	97.9	98.2
GE 400	80.0	85.8	87.3	88.7	90.6	91.1	91.5	93.3	94.2	95.4	97.6	98.1	99.1	99.1	99.1	99.1	99.4
GE 300	80.0	85.8	87.3	88.7	90.6	91.1	91.5	93.3	94.2	95.4	97.8	98.2	99.6	99.6	99.6	99.6	99.9
GE 200	80.0	85.8	87.3	88.7	90.6	91.1	91.5	93.3	94.2	95.4	97.8	98.2	99.7	99.7	99.7	99.7	100.0
GE 100	80.0	85.8	87.3	88.7	90.6	91.1	91.5	93.3	94.2	95.4	97.8	98.2	99.7	99.7	99.7	99.7	100.0
GE 0	80.0	85.8	87.3	88.7	90.6	91.1	91.5	93.3	94.2	95.4	97.8	98.2	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 671

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(UTC): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	41.0	42.3	42.8	42.9	42.9	42.9	42.9	42.9	43.1	43.4	43.4	43.5	44.0	44.1	44.1	44.1
GE 20000	42.9	44.2	44.7	44.9	44.8	44.8	44.8	45.1	45.3	45.6	45.6	45.7	46.2	46.3	46.3	46.3
GE 18000	44.2	45.6	46.0	46.2	46.2	46.2	46.2	46.5	46.6	46.9	46.9	47.1	47.6	47.8	47.8	47.8
GE 16000	46.0	47.3	47.8	47.9	47.9	47.9	47.9	48.2	48.4	48.7	48.7	48.8	49.4	49.6	49.6	49.6
GE 14000	47.1	48.4	48.8	49.1	49.0	49.0	49.0	49.3	49.4	49.7	49.7	49.9	50.4	50.6	50.6	50.6
GE 12000	48.1	49.4	49.9	50.1	50.0	50.0	50.0	50.3	50.4	50.7	50.7	50.9	51.6	51.8	51.8	51.8
GE 10000	49.7	51.0	51.5	51.5	51.6	51.6	51.6	51.9	52.1	52.4	52.4	52.5	53.2	53.4	53.4	53.4
GE 9000	50.7	52.2	52.7	52.8	52.8	52.8	52.8	53.1	53.2	53.5	53.5	53.7	54.4	54.6	54.6	54.6
GE 8000	51.4	53.3	53.8	54.2	54.2	54.2	54.2	54.5	54.6	54.9	54.9	55.1	55.8	56.0	56.0	56.0
GE 7000	62.1	65.0	65.5	66.1	66.2	66.2	66.2	66.4	66.8	67.0	67.3	67.3	67.4	68.1	68.3	68.3
GE 6000	63.6	66.5	67.0	67.5	67.7	67.7	67.7	67.8	68.4	68.6	68.9	68.9	69.0	69.8	69.9	69.9
GE 5000	67.0	70.4	70.8	71.4	71.5	71.5	71.7	72.3	72.4	72.7	72.7	72.9	73.6	73.7	73.7	73.7
GE 4500	68.3	71.7	72.1	72.7	72.9	72.9	73.0	73.6	73.7	74.0	74.0	74.2	74.9	75.1	75.1	75.1
GE 4000	72.1	75.7	76.3	76.8	77.0	77.0	77.1	77.7	77.9	78.2	78.2	78.3	79.1	79.2	79.2	79.2
GE 3500	73.0	76.7	77.3	77.9	78.2	78.6	78.8	79.6	79.9	80.2	80.5	80.7	81.6	81.7	81.7	81.7
GE 3000	73.6	77.4	78.0	78.5	78.9	79.4	79.5	80.5	81.3	81.6	81.9	82.0	82.9	83.0	83.0	83.0
GE 2500	74.3	79.1	79.6	80.2	80.5	81.1	81.3	82.3	83.0	83.6	83.9	84.1	85.0	85.1	85.1	85.1
GE 2000	75.8	81.0	82.0	82.5	82.9	83.5	83.8	85.1	85.8	86.4	86.7	86.9	87.9	88.1	88.1	88.1
GE 1800	76.0	81.4	82.7	83.5	83.9	84.5	84.8	86.1	86.9	87.5	87.8	87.9	88.9	89.1	89.1	89.1
GE 1500	76.7	82.7	84.4	85.1	85.7	86.6	86.9	88.2	88.9	89.5	89.8	90.0	91.0	91.2	91.2	91.2
GE 1200	77.1	84.1	85.8	86.5	87.2	88.1	88.3	89.7	90.4	91.3	91.9	92.0	93.1	93.2	93.2	93.2
GE 1000	77.3	84.1	85.8	86.7	87.3	88.5	88.8	90.1	90.9	91.7	92.3	92.5	93.5	93.7	93.7	93.7
GE 900	77.1	84.1	85.8	86.7	87.5	88.6	88.9	90.4	91.2	92.0	92.6	92.8	93.8	94.0	94.0	94.0
GE 800	77.3	84.4	86.1	87.2	87.9	89.1	89.4	90.9	91.6	92.5	93.4	93.5	94.5	94.7	94.7	94.7
GE 700	77.3	84.4	86.1	87.2	87.9	89.1	89.4	91.3	92.0	93.1	94.0	94.1	95.3	95.4	95.4	95.4
GE 600	77.3	84.4	86.1	87.2	87.9	89.1	89.4	91.3	92.0	93.1	94.0	94.1	95.6	95.7	95.7	95.7
GE 500	77.3	84.7	86.6	87.5	88.3	89.5	89.8	91.7	92.5	93.5	94.3	94.6	95.6	97.1	97.2	97.3
GE 400	77.3	85.0	86.9	87.7	88.6	89.8	90.3	92.2	92.9	94.4	96.1	96.8	98.5	98.7	98.8	98.8
GE 300	77.3	85.0	86.9	87.7	88.6	89.8	90.3	92.3	93.1	94.7	96.8	97.2	99.1	99.3	99.4	99.4
GE 200	77.3	85.0	86.9	87.7	88.6	89.8	90.3	92.3	93.1	94.7	96.8	97.2	99.1	99.4	99.9	99.9
GE 100	77.3	85.0	86.9	87.7	88.6	89.8	90.3	92.3	93.1	94.7	96.8	97.2	99.1	99.4	100.0	100.0
GE 0	77.3	85.0	86.9	87.7	88.6	89.8	90.3	92.3	93.1	94.7	96.8	97.2	99.1	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 678

SIEMAL (CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARRIVOHN AFS AR

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	0
NO CEIL	44.8	44.7	44.8	45.1	45.3	45.3	45.3	45.7	45.7	46.0	46.0	46.3	46.8	46.9	46.9	46.9	46.9	
1	44.8	45.9	46.0	46.3	46.5	46.5	46.5	46.9	46.9	47.2	47.2	47.5	47.9	48.1	48.1	48.1	48.1	
2	46.0	47.6	47.9	48.2	48.4	48.5	48.5	49.0	49.0	49.3	49.3	49.6	50.0	50.1	50.1	50.1	50.1	
3	47.2	48.4	48.7	49.0	49.1	49.3	49.3	49.7	49.7	50.0	50.0	50.3	50.7	50.9	50.9	50.9	50.9	
4	47.8	49.0	49.3	49.5	49.7	49.9	49.9	50.3	50.3	50.6	50.6	50.9	51.3	51.5	51.5	51.5	51.5	
5	48.2	49.4	49.7	50.0	50.3	50.4	50.4	50.9	50.9	51.2	51.2	51.5	51.9	52.1	52.1	52.1	52.1	
6	49.6	50.9	51.2	51.5	51.8	51.9	51.9	52.4	52.4	52.7	52.7	52.9	53.4	53.5	53.5	53.5	53.5	
7	50.0	51.8	52.1	52.4	52.7	52.8	52.8	53.2	53.2	53.5	53.5	53.8	54.3	54.4	54.4	54.4	54.4	
8	51.1	52.9	53.2	53.5	53.9	54.1	54.1	54.5	54.5	54.8	54.8	55.1	55.6	55.7	55.7	55.7	55.7	
9	52.3	54.2	54.5	54.8	55.2	55.7	55.7	56.1	56.1	56.4	56.4	56.8	57.3	57.4	57.4	57.4	57.4	
10	54.3	56.7	57.0	57.3	57.7	58.2	58.2	58.6	58.6	58.9	58.9	59.3	59.8	59.9	59.9	59.9	59.9	
11	56.6	59.0	59.3	59.6	60.0	60.5	60.5	60.9	60.9	61.2	61.2	61.6	62.1	62.2	62.2	62.2	62.2	
12	58.6	61.0	61.3	61.6	62.0	62.5	62.5	62.9	62.9	63.2	63.2	63.6	64.1	64.2	64.2	64.2	64.2	
13	60.6	63.0	63.3	63.6	64.0	64.5	64.5	64.9	64.9	65.2	65.2	65.6	66.1	66.2	66.2	66.2	66.2	
14	62.6	65.0	65.3	65.6	66.0	66.5	66.5	66.9	66.9	67.2	67.2	67.6	68.1	68.2	68.2	68.2	68.2	
15	64.6	67.0	67.3	67.6	68.0	68.5	68.5	68.9	68.9	69.2	69.2	69.6	70.1	70.2	70.2	70.2	70.2	
16	66.6	69.0	69.3	69.6	70.0	70.5	70.5	70.9	70.9	71.2	71.2	71.6	72.1	72.2	72.2	72.2	72.2	
17	68.6	71.0	71.3	71.6	72.0	72.5	72.5	72.9	72.9	73.2	73.2	73.6	74.1	74.2	74.2	74.2	74.2	
18	70.6	73.0	73.3	73.6	74.0	74.5	74.5	74.9	74.9	75.2	75.2	75.6	76.1	76.2	76.2	76.2	76.2	
19	72.6	75.0	75.3	75.6	76.0	76.5	76.5	76.9	76.9	77.2	77.2	77.6	78.1	78.2	78.2	78.2	78.2	
20	74.6	77.0	77.3	77.6	78.0	78.5	78.5	78.9	78.9	79.2	79.2	79.6	80.1	80.2	80.2	80.2	80.2	
21	76.6	79.0	79.3	79.6	80.0	80.5	80.5	80.9	80.9	81.2	81.2	81.6	82.1	82.2	82.2	82.2	82.2	
22	78.6	81.0	81.3	81.6	82.0	82.5	82.5	82.9	82.9	83.2	83.2	83.6	84.1	84.2	84.2	84.2	84.2	
23	80.6	83.0	83.3	83.6	84.0	84.5	84.5	84.9	84.9	85.2	85.2	85.6	86.1	86.2	86.2	86.2	86.2	
24	82.6	85.0	85.3	85.6	86.0	86.5	86.5	86.9	86.9	87.2	87.2	87.6	88.1	88.2	88.2	88.2	88.2	
25	84.6	87.0	87.3	87.6	88.0	88.5	88.5	88.9	88.9	89.2	89.2	89.6	90.1	90.2	90.2	90.2	90.2	
26	86.6	89.0	89.3	89.6	90.0	90.5	90.5	90.9	90.9	91.2	91.2	91.6	92.1	92.2	92.2	92.2	92.2	
27	88.6	91.0	91.3	91.6	92.0	92.5	92.5	92.9	92.9	93.2	93.2	93.6	94.1	94.2	94.2	94.2	94.2	
28	90.6	93.0	93.3	93.6	94.0	94.5	94.5	94.9	94.9	95.2	95.2	95.6	96.1	96.2	96.2	96.2	96.2	
29	92.6	95.0	95.3	95.6	96.0	96.5	96.5	96.9	96.9	97.2	97.2	97.6	98.1	98.2	98.2	98.2	98.2	
30	94.6	97.0	97.3	97.6	98.0	98.5	98.5	98.9	98.9	99.2	99.2	99.6	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR & OTHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARDEVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(LEST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	43.7	48.7	49.4	49.9	50.0	50.1	50.3	50.3	50.3	50.4	50.9	50.9	52.4	52.7	52.8	52.8	
GE 20000	45.6	50.6	51.3	51.3	51.9	52.1	52.2	52.2	52.2	52.4	52.8	52.8	54.3	54.6	54.7	54.7	
GE 18000	46.6	51.6	52.4	52.3	52.9	53.1	53.2	53.2	53.2	53.4	53.8	53.8	55.3	55.6	55.8	55.8	
GE 16000	47.3	52.4	53.1	53.5	53.7	53.8	54.0	54.0	54.0	54.1	54.6	54.6	56.0	56.3	56.5	56.5	
GE 14000	47.6	52.7	53.4	53.8	54.0	54.1	54.3	54.3	54.3	54.4	54.9	54.9	56.3	56.6	56.8	56.8	
GE 12000	48.1	53.1	54.0	54.4	54.6	54.7	54.9	54.9	54.9	55.0	55.5	55.5	56.9	57.2	57.4	57.4	
GE 10000	49.3	55.3	56.2	56.5	56.8	56.9	57.1	57.1	57.1	57.2	57.7	57.7	59.1	59.4	59.6	59.6	
GE 9000	49.4	55.5	56.3	56.3	56.9	57.1	57.2	57.2	57.2	57.4	57.8	57.8	59.3	59.6	59.7	59.7	
GE 8000	52.7	59.3	60.7	60.5	60.8	60.9	61.1	61.1	61.1	61.2	61.7	61.7	63.1	63.4	63.6	63.6	
GE 7000	56.9	65.0	66.5	67.1	67.3	67.4	67.6	67.6	67.6	67.7	68.1	68.1	69.8	70.1	70.2	70.2	
GE 6000	58.7	67.4	69.0	69.3	69.9	70.1	70.2	70.2	70.2	70.4	70.8	70.8	72.4	72.7	72.9	72.9	
GE 5000	61.7	71.4	73.3	74.2	74.3	74.5	74.6	74.6	74.6	74.8	75.2	75.2	76.8	77.1	77.3	77.3	
GE 4500	62.8	72.7	74.6	75.5	75.7	75.8	76.0	76.0	76.0	76.1	76.5	76.5	78.2	78.5	78.6	78.6	
GE 4000	64.5	74.5	76.7	77.5	77.7	77.9	78.0	78.0	78.0	78.2	78.6	78.6	80.2	80.5	80.7	80.7	
GE 3500	65.8	76.5	78.9	79.3	80.2	80.4	80.5	80.5	80.5	80.7	81.4	81.4	83.2	83.5	83.6	83.6	
GE 3000	66.7	77.6	80.2	81.3	81.7	81.9	82.3	82.3	82.3	82.4	83.2	83.2	85.0	85.3	85.4	85.4	
GE 2500	67.3	78.5	81.6	82.9	83.6	83.9	84.4	84.4	84.4	84.5	85.3	85.3	87.0	87.3	87.5	87.5	
GE 2000	67.4	78.9	82.3	83.2	83.1	83.4	86.3	86.4	86.4	86.9	87.6	87.6	89.4	89.7	89.8	89.8	
GE 1800	67.4	79.1	82.6	84.2	85.4	85.7	86.7	87.6	87.6	88.1	88.8	88.8	90.6	90.9	91.0	91.0	
GE 1500	67.6	79.6	83.2	85.3	86.1	86.6	87.6	88.9	88.9	89.4	90.1	90.1	91.9	92.2	92.3	92.3	
GE 1200	68.1	80.4	83.9	85.7	87.2	87.6	88.6	90.1	90.1	90.6	91.3	91.3	93.1	93.4	93.5	93.5	
GE 1000	68.1	80.7	84.2	86.3	87.6	88.1	89.1	90.6	90.6	91.2	91.9	91.9	93.7	94.0	94.1	94.1	
GE 900	68.1	80.7	84.2	86.3	87.6	88.2	89.2	91.0	91.2	91.9	92.6	92.6	94.4	94.7	94.8	94.8	
GE 800	68.1	80.7	84.2	86.3	87.6	88.5	89.5	91.4	91.6	92.3	93.1	93.4	95.1	95.4	95.6	95.6	
GE 700	68.1	80.7	84.4	86.1	87.8	88.5	90.0	91.9	92.0	92.8	93.7	94.0	95.7	96.0	96.2	96.2	
GE 600	68.1	80.7	84.4	86.1	87.8	88.8	90.0	91.9	92.2	92.9	93.8	94.2	96.0	96.3	96.5	96.5	
GE 500	68.1	80.8	84.5	86.3	87.9	88.9	90.1	92.0	92.5	93.2	94.4	94.8	96.9	97.5	97.6	97.6	
GE 400	68.3	80.8	84.5	86.5	88.2	89.2	90.6	92.5	92.9	93.8	95.4	95.9	97.9	98.5	98.7	98.7	
GE 300	68.3	80.8	84.5	86.5	88.2	89.2	90.6	92.5	92.9	93.8	95.7	96.2	98.8	99.4	99.7	99.7	
GE 200	68.3	80.8	84.5	86.5	88.2	89.2	90.6	92.5	92.9	93.8	95.7	96.2	99.0	99.6	99.9	99.9	
GE 100	68.3	80.8	84.5	86.5	88.2	89.2	90.6	92.5	92.9	93.8	95.7	96.2	99.0	99.6	99.9	100.0	
GE 0	68.3	80.8	84.5	86.5	88.2	89.2	90.6	92.5	92.9	93.8	95.7	96.2	99.0	99.6	99.9	100.0	

TOTAL NUMBER OF OBSERVATIONS: 678



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVOGH AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS (LST): 0100-0500

CEILING		VISIBILITY IN STATUTE MILES																	
FEET	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	49.1	53.4	57.7	54.4	54.9	55.0	55.0	55.3	55.5	55.5	56.8	56.8	57.5	57.5	57.5	57.5			
GE 20000	46.0	55.3	55.6	56.3	56.8	56.9	56.9	57.2	57.4	57.4	58.7	58.7	59.4	59.4	59.4	59.4			
GE 18000	47.5	56.8	57.1	57.8	58.3	58.4	58.4	58.7	58.8	58.8	60.2	60.2	60.9	60.9	60.9	60.9			
GE 16000	48.9	57.7	58.0	58.7	59.1	59.3	59.3	59.6	59.7	59.7	61.1	61.1	61.8	61.8	61.8	61.8			
GE 14000	49.0	58.3	58.6	59.3	59.7	59.9	59.9	60.2	60.3	60.3	61.7	61.7	62.4	62.4	62.4	62.4			
GE 12000	49.4	58.7	59.0	59.7	60.2	60.3	60.3	60.6	60.8	60.8	62.1	62.1	62.8	62.8	62.8	62.8			
GE 10000	51.0	61.5	61.8	62.5	63.0	63.1	63.1	63.4	63.6	63.6	64.9	64.9	65.6	65.6	65.6	65.6			
GE 9000	51.2	61.8	62.1	62.8	63.3	63.4	63.4	63.7	63.9	63.9	65.2	65.2	65.9	65.9	65.9	65.9			
GE 8000	53.2	65.0	65.3	66.1	66.7	66.8	66.8	67.1	67.3	67.3	68.6	68.6	69.3	69.3	69.3	69.3			
GE 7000	57.1	70.5	70.8	72.3	72.7	73.0	73.2	73.5	73.6	73.6	75.1	75.1	75.8	75.8	75.8	75.8			
GE 6000	57.5	71.8	72.3	73.5	74.5	74.8	74.9	75.2	75.4	75.4	76.8	76.8	77.6	77.6	77.6	77.6			
GE 5000	58.7	74.5	74.9	76.3	77.4	77.7	77.9	78.2	78.3	78.3	79.8	79.8	80.5	80.5	80.5	80.5			
GE 4500	59.3	75.7	76.4	77.7	78.9	79.2	79.4	79.6	79.8	79.8	81.3	81.3	82.0	82.0	82.0	82.0			
GE 4000	59.7	76.5	77.4	78.9	80.2	80.7	81.0	81.3	81.4	81.4	82.9	82.9	83.6	83.6	83.6	83.6			
GE 3500	60.2	77.7	78.8	80.2	81.6	82.0	82.3	82.6	82.7	82.9	84.5	84.5	85.5	85.5	85.5	85.5			
GE 3000	61.4	79.2	80.7	82.2	83.6	84.2	84.5	84.8	85.0	85.1	86.7	86.7	87.8	87.8	87.8	87.8			
GE 2500	61.5	79.4	81.3	82.9	84.4	85.1	85.5	85.8	86.0	86.1	87.8	87.8	88.8	88.8	88.8	88.8			
GE 2000	61.7	79.6	81.7	83.3	85.7	86.4	87.0	87.8	87.9	88.3	90.0	90.0	91.0	91.0	91.0	91.0			
GE 1500	61.7	79.6	82.2	84.2	86.3	87.2	88.2	88.9	89.1	90.0	91.6	91.6	92.6	92.6	92.6	92.6			
GE 1000	61.7	80.4	82.9	85.3	87.0	88.1	89.4	90.1	90.3	91.2	92.8	92.8	93.8	93.8	93.8	93.8			
GE 800	62.1	81.1	83.8	85.8	87.9	88.9	90.3	91.0	91.6	92.9	94.5	94.5	95.6	95.6	95.6	95.6			
GE 600	62.4	81.4	84.1	86.1	88.2	89.2	90.9	91.6	92.2	93.7	95.6	95.6	96.6	96.6	96.6	96.6			
GE 400	62.4	81.4	84.1	86.1	88.2	89.2	90.9	91.6	92.2	94.1	96.0	96.0	97.1	97.1	97.1	97.1			
GE 200	62.4	81.4	84.1	86.1	88.2	89.2	91.2	91.9	92.5	94.4	96.3	96.3	97.5	97.5	97.5	97.5			
GE 100	62.4	81.6	84.2	86.3	88.3	89.4	91.3	92.0	92.6	94.5	96.6	96.6	97.8	97.8	97.8	97.8			
GE 50	62.4	81.6	84.5	86.5	88.6	89.7	91.6	92.3	92.9	95.0	97.3	97.3	99.0	99.1	99.1	99.1			
GE 30	62.4	81.6	84.5	86.5	88.6	89.7	91.6	92.5	93.1	95.1	97.8	97.8	99.6	99.7	99.7	99.7			
GE 20	62.4	81.6	84.5	86.7	88.8	89.8	91.7	92.6	93.2	95.3	97.9	97.9	99.7	99.9	99.9	99.9			
GE 10	62.4	81.6	84.5	86.7	88.8	89.8	91.7	92.6	93.2	95.3	97.9	97.9	99.7	99.9	100.0	100.0			
GE 0	62.4	81.6	84.5	86.7	88.8	89.8	91.7	92.6	93.2	95.3	97.9	97.9	99.7	99.9	100.0	100.0			

TOTAL NUMBER OF OBSERVATIONS: 672

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: FEB HOURS(EST): 0000-0200

CEILING	VISIBILITY IN STATUTE MILES																	
	IN FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CELL	44.4		52.8	52.8	53.7	54.0	54.0	54.0	54.4	54.6	54.9	56.8	56.8	56.9	56.9	56.9	56.9	56.9
GE 20000	46.0		54.4	54.4	55.3	55.6	55.6	55.6	56.0	56.2	56.5	58.4	58.4	58.6	58.6	58.6	58.6	58.6
GE 18000	46.8		55.3	55.3	56.2	56.5	56.5	56.5	56.9	57.1	57.4	59.3	59.3	59.4	59.4	59.4	59.4	59.4
GE 16000	47.3		55.9	55.9	56.8	57.1	57.1	57.1	57.5	57.7	58.0	59.9	59.9	60.0	60.0	60.0	60.0	60.0
GE 14000	47.9		56.5	56.5	57.4	57.7	57.7	57.7	58.1	58.3	58.6	60.5	60.5	60.6	60.6	60.6	60.6	60.6
GE 12000	47.9		56.9	56.9	57.8	58.1	58.1	58.1	58.6	58.7	59.0	60.9	60.9	61.1	61.1	61.1	61.1	61.1
GE 10000	49.3		59.3	59.7	60.5	60.9	60.9	60.9	61.4	61.5	61.8	63.7	63.7	63.9	63.9	63.9	63.9	63.9
GE 9000	49.3		59.3	59.7	60.5	60.9	60.9	60.9	61.4	61.5	61.8	63.7	63.7	63.9	63.9	63.9	63.9	63.9
GE 8000	51.9		63.6	64.5	65.6	65.9	65.9	65.9	66.4	66.5	66.8	68.7	68.7	68.9	68.9	68.9	68.9	68.9
GE 7000	54.6		68.3	69.6	71.5	72.1	72.1	72.1	72.6	72.7	73.0	74.9	74.9	75.1	75.1	75.1	75.1	75.1
GE 6000	55.5		70.1	71.4	73.3	73.9	73.9	73.9	74.6	74.8	75.1	77.0	77.0	77.1	77.1	77.1	77.1	77.1
GE 5000	56.5		72.9	74.2	76.1	77.0	77.0	77.0	77.7	77.9	78.2	80.1	80.1	80.2	80.2	80.2	80.2	80.2
GE 4500	56.9		73.9	75.4	77.3	78.2	78.2	78.2	78.9	79.1	79.4	81.3	81.3	81.4	81.4	81.4	81.4	81.4
GE 4000	57.7		75.1	76.5	78.5	79.5	79.5	79.5	80.5	80.7	81.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3
GE 3500	58.4		76.1	77.7	79.5	81.0	81.0	81.6	82.4	82.6	83.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3
GE 3000	59.4		77.6	79.2	81.3	82.9	82.9	83.6	84.5	84.7	85.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3
GE 2500	60.5		79.2	80.8	83.3	85.1	85.1	85.8	86.7	86.9	87.3	89.4	89.4	89.5	89.5	89.5	89.5	89.5
GE 2000	60.6		79.4	81.7	84.2	86.4	86.4	87.3	88.2	88.3	89.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3
GE 1800	60.6		79.6	82.3	85.3	87.2	87.2	88.3	89.2	89.4	90.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
GE 1500	60.6		79.6	82.6	85.3	87.9	87.9	89.2	90.4	90.6	91.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0
GE 1200	61.7		80.5	83.8	86.7	89.5	89.5	90.9	92.0	92.2	93.2	95.4	95.4	95.7	95.7	95.7	95.7	95.7
GE 1000	61.7		81.3	84.5	87.3	90.4	90.4	91.9	93.1	93.2	94.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8
GE 900	61.7		81.4	84.7	87.9	90.6	90.6	92.0	93.2	93.4	94.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1
GE 800	61.7		81.4	84.7	87.9	90.6	90.6	92.2	93.5	93.7	95.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4
GE 700	61.7		81.4	84.8	88.1	90.7	90.7	92.3	93.7	93.8	95.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7
GE 600	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 500	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 400	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 300	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 200	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 100	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0
GE 0	61.7		81.6	85.0	88.2	90.9	90.9	92.5	94.0	94.1	95.6	99.0	99.0	99.1	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 678

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3	
NO CEIL	31.3	31.6	31.6	31.9	32.1	32.1	32.3	32.5	32.5	32.5	32.8	32.8	32.8	32.8	32.9	32.9		
GE 20000	33.3	33.6	33.6	33.9	34.1	34.1	34.3	34.5	34.5	34.5	34.8	34.8	34.8	34.8	34.9	34.9		
GE 18000	36.4	36.7	36.7	37.3	37.2	37.2	37.4	37.6	37.6	37.6	37.9	37.9	37.9	37.9	38.0	38.0		
GE 16000	38.4	38.7	38.7	39.3	39.2	39.2	39.4	39.7	39.7	39.7	39.9	39.9	39.9	39.9	40.1	40.1		
GE 14000	39.8	40.1	40.1	40.3	40.6	40.6	40.7	41.0	41.0	41.0	41.3	41.3	41.3	41.3	41.4	41.4		
GE 12000	41.4	41.7	41.7	41.9	42.2	42.2	42.3	42.6	42.6	42.6	42.9	42.9	42.9	42.9	43.0	43.0		
GE 10000	44.4	44.6	44.6	44.9	45.2	45.2	45.3	45.6	45.6	45.6	45.8	45.8	45.8	45.8	46.0	46.0		
GE 9000	45.8	46.2	46.2	46.5	46.8	46.8	46.9	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.6	47.6		
GE 8000	51.3	51.9	51.9	52.2	52.4	52.4	52.6	52.8	52.8	52.8	53.1	53.1	53.1	53.1	53.2	53.2		
GE 7000	60.2	61.2	61.3	61.5	61.8	61.8	62.0	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.9	62.9		
GE 6000	62.2	63.7	63.8	64.1	64.4	64.4	64.5	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.5	65.5		
GE 5000	65.6	67.1	67.2	67.5	67.7	67.7	67.9	68.4	68.4	68.4	68.7	68.7	68.7	68.7	68.8	68.8		
GE 4500	67.2	68.7	68.8	69.1	69.4	69.4	69.5	70.0	70.0	70.0	70.3	70.3	70.3	70.3	70.4	70.4		
GE 4000	70.0	71.5	71.6	71.9	72.2	72.2	72.3	72.8	72.8	72.8	73.1	73.1	73.1	73.1	73.3	73.3		
GE 3500	72.3	73.9	74.2	74.5	75.0	75.0	75.3	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.2	76.2		
GE 3000	73.9	75.8	76.2	76.7	77.4	77.4	77.7	78.2	78.2	78.2	78.5	78.8	78.8	78.8	78.9	78.9		
GE 2500	75.5	78.1	78.6	80.3	80.8	80.8	81.2	81.7	81.7	82.0	82.3	82.3	82.3	82.3	82.4	82.4		
GE 2000	77.0	80.4	80.9	82.3	83.2	83.2	83.9	84.4	84.4	84.7	84.9	84.9	84.9	84.9	85.1	85.1		
GE 1800	77.8	81.5	82.0	83.3	84.3	84.3	84.9	85.6	85.6	85.9	86.2	86.2	86.2	86.2	86.3	86.3		
GE 1500	79.0	83.1	83.7	85.2	86.6	86.6	87.5	88.7	88.7	89.0	89.2	89.2	89.2	89.2	89.4	89.4		
GE 1200	79.2	83.5	84.1	85.9	87.8	88.0	89.1	90.3	90.3	90.6	90.9	90.9	90.9	90.9	91.0	91.0		
GE 1000	79.2	83.6	84.3	86.3	88.0	88.3	89.7	90.9	90.9	91.1	91.4	91.4	91.4	91.4	91.5	91.5		
GE 900	79.3	83.7	84.4	86.2	88.2	88.4	90.2	91.4	91.5	91.8	92.3	92.3	92.3	92.3	92.5	92.5		
GE 800	79.3	83.9	84.7	86.4	88.7	89.0	91.0	92.2	92.3	92.6	93.3	93.3	93.3	93.3	93.5	93.5		
GE 700	79.6	84.3	85.6	87.4	89.7	90.1	92.1	93.3	93.7	94.1	95.0	95.0	95.0	95.0	95.3	95.3		
GE 600	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	94.9	96.2	96.2	96.2	96.2	96.5	96.5		
GE 500	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	96.8	96.8	97.0	97.1	97.4	97.4		
GE 400	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	97.6	97.6	98.1	98.3	98.5	98.5		
GE 300	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	97.8	98.0	98.8	98.8	99.3	99.3		
GE 200	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	97.8	98.0	98.8	98.8	99.3	99.6		
GE 100	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	97.8	98.0	98.8	98.8	99.3	99.9		
GE 0	79.6	84.3	85.6	87.4	89.7	90.3	92.5	94.1	94.5	95.0	97.8	98.0	98.8	98.8	99.5	100.0		

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AF

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	32.5	34.3	34.6	34.7	34.7	34.7	34.7	34.7	34.8	35.0	35.1	35.1	35.1	35.1	35.1	35.4
GE 20000	35.1	36.9	37.2	37.3	37.3	37.3	37.3	37.3	37.5	37.6	37.7	37.7	37.7	37.7	37.7	38.0
GE 16000	36.4	38.2	38.6	38.7	38.7	38.7	38.7	38.7	38.8	39.0	39.1	39.1	39.1	39.1	39.1	39.4
GE 14000	39.0	40.8	41.2	41.3	41.3	41.3	41.3	41.3	41.5	41.6	41.7	41.7	41.7	41.7	41.7	42.0
GE 12000	39.8	41.6	42.0	42.1	42.1	42.1	42.1	42.1	42.3	42.4	42.6	42.6	42.6	42.6	42.6	42.8
GE 10000	40.8	42.6	43.0	43.1	43.1	43.1	43.1	43.1	43.4	43.5	43.7	43.8	43.8	43.8	43.8	44.1
GE 8000	43.8	45.6	46.0	46.1	46.1	46.1	46.1	46.1	46.4	46.6	46.7	46.8	46.8	46.8	46.8	47.1
GE 6000	45.2	47.0	47.4	47.5	47.5	47.5	47.5	47.5	47.8	47.9	48.1	48.2	48.2	48.2	48.2	48.5
GE 4000	50.7	52.6	53.0	53.2	53.2	53.2	53.2	53.2	53.4	53.6	53.7	53.9	53.9	53.9	53.9	54.1
GE 2000	54.7	60.6	61.0	61.2	61.2	61.2	61.2	61.2	61.4	61.6	61.7	61.8	61.8	61.8	61.8	62.1
GE 600	61.4	63.4	63.8	63.9	63.9	63.9	63.9	63.9	64.2	64.3	64.5	64.6	64.6	64.6	64.6	64.9
GE 500	64.6	66.9	67.5	67.5	67.8	67.8	67.8	67.8	68.0	68.2	68.3	68.5	68.5	68.5	68.5	68.7
GE 400	66.1	68.7	69.4	69.5	69.7	69.7	69.7	69.7	70.0	70.1	70.2	70.4	70.4	70.4	70.4	70.7
GE 300	68.7	71.8	72.5	72.6	72.7	72.7	72.7	72.7	73.0	73.1	73.3	73.4	73.4	73.4	73.4	73.7
GE 200	71.9	75.6	76.4	76.6	76.7	76.7	76.7	76.7	77.0	77.3	77.7	77.8	78.0	78.0	78.0	78.2
GE 100	73.1	78.0	79.3	79.5	79.9	79.9	79.9	80.2	80.4	80.9	81.0	81.1	81.1	81.1	81.1	81.4
GE 2500	74.4	79.5	81.0	81.4	81.7	81.8	82.4	83.1	83.5	83.6	83.7	83.7	83.7	83.7	83.7	84.0
GE 2000	75.6	81.1	83.1	83.5	83.9	84.0	85.0	85.8	86.2	86.4	86.5	86.5	86.5	86.5	86.5	86.8
GE 1800	76.7	82.6	84.6	85.3	85.8	86.0	86.9	87.9	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.8
GE 1600	77.3	84.2	86.1	87.1	88.2	88.3	89.3	90.5	90.9	91.0	91.2	91.2	91.2	91.2	91.2	91.5
GE 1400	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 1200	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 1000	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 900	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 800	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 700	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 600	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 500	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 400	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 300	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 200	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 100	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8
GE 0	78.1	86.1	88.2	89.1	90.2	90.4	91.6	92.8	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8

TOTAL NUMBER OF OBSERVATIONS: 125

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702400 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS(EST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 3	GE 5	GE 7	GE 9	GE 11	GE 13	GE 15	GE 17	GE 19	GE 21	GE 23	GE 25	GE 27	GE 29	GE 31
NO CEILING	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 2000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1800	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1600	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1400	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1200	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 1000	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 900	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 800	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 700	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 600	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 500	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 400	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 300	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 200	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 100	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0

TOTAL NUMBER OF OBSERVATIONS: 732

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702157 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	34.1	37.8	38.0	38.2	38.3	38.4	38.5	38.7	38.7	38.8	39.1	39.1	39.3	39.4	39.4	39.5
GE 20000	36.3	40.1	40.3	40.5	40.7	40.7	40.8	41.0	41.0	41.1	41.5	41.5	41.7	41.7	41.8	41.9
GE 18000	37.9	41.8	42.0	42.2	42.3	42.4	42.5	42.7	42.7	42.8	43.2	43.2	43.3	43.4	43.5	43.6
GE 16000	39.5	43.4	43.6	43.8	44.0	44.0	44.1	44.3	44.3	44.4	44.8	44.8	45.0	45.0	45.1	45.2
GE 14000	40.5	44.4	44.6	44.8	45.0	45.1	45.1	45.3	45.4	45.4	45.8	45.8	46.0	46.1	46.1	46.2
GE 12000	41.8	45.8	46.0	46.2	46.4	46.5	46.6	46.8	46.8	46.9	47.3	47.3	47.5	47.5	47.6	47.7
GE 10000	43.7	47.7	47.9	48.1	48.3	48.4	48.5	48.7	48.8	48.8	49.2	49.2	49.4	49.4	49.5	49.6
GE 9000	44.8	49.0	49.1	49.3	49.5	49.6	49.7	49.9	50.0	50.0	50.4	50.4	50.6	50.7	50.7	50.8
GE 8000	50.2	54.7	55.0	55.2	55.4	55.4	55.5	55.8	55.8	55.9	56.3	56.3	56.5	56.5	56.6	56.7
GE 7000	57.3	62.2	62.5	62.7	62.9	63.0	63.1	63.6	63.6	63.7	64.1	64.1	64.3	64.4	64.4	64.5
GE 6000	59.3	64.3	64.7	65.0	65.2	65.3	65.4	65.9	65.9	66.0	66.4	66.4	66.6	66.7	66.7	66.8
GE 5000	61.2	66.5	67.0	67.3	67.5	67.6	67.7	68.2	68.3	68.3	68.7	68.7	68.9	69.0	69.1	69.2
GE 4500	62.2	67.9	68.4	68.7	69.0	69.1	69.2	69.7	69.7	69.8	70.2	70.2	70.4	70.4	70.5	70.6
GE 4000	64.4	70.4	70.9	71.3	71.6	71.7	71.8	72.4	72.4	72.5	72.9	72.9	73.1	73.1	73.2	73.3
GE 3500	66.5	73.0	73.8	74.1	74.6	74.8	75.1	75.6	75.7	75.8	76.2	76.2	76.4	76.5	76.5	76.6
GE 3000	67.5	74.7	75.7	76.2	76.8	77.0	77.4	77.9	78.0	78.2	78.6	78.6	78.8	78.9	78.9	79.0
GE 2500	69.7	76.3	77.5	78.4	79.5	79.8	80.3	81.0	81.1	81.3	81.7	81.7	81.9	82.0	82.0	82.1
GE 2000	69.7	77.8	79.1	80.1	81.3	81.6	82.3	83.2	83.3	83.6	84.0	84.0	84.2	84.3	84.3	84.4
GE 1800	70.1	78.4	79.8	80.8	82.2	82.5	83.3	84.2	84.4	84.6	85.0	85.0	85.3	85.3	85.4	85.5
GE 1500	71.0	80.1	81.7	82.9	84.9	85.2	86.2	87.5	87.6	87.9	88.3	88.3	88.6	88.7	88.7	88.8
GE 1200	71.5	81.2	82.9	84.3	86.5	86.9	88.0	89.4	89.6	89.9	90.4	90.4	90.7	90.7	90.8	90.9
GE 1000	71.7	81.5	83.5	85.3	87.2	87.6	88.9	90.4	90.6	91.5	92.1	92.1	92.5	92.5	92.6	92.7
GE 900	71.9	81.8	83.9	85.4	87.6	88.2	89.6	91.3	91.5	92.4	93.2	93.2	93.5	93.6	93.7	93.8
GE 800	72.0	81.9	84.1	85.5	87.9	88.6	90.2	92.1	92.3	93.3	94.2	94.2	94.7	94.7	94.9	95.0
GE 700	72.0	82.1	84.3	85.8	88.2	89.0	90.6	92.6	92.9	93.9	95.1	95.1	95.6	95.7	96.0	96.1
GE 600	72.1	82.1	84.3	86.3	88.4	89.2	90.9	93.1	93.4	94.5	95.9	95.9	96.5	96.6	96.9	97.0
GE 500	72.1	82.2	84.4	86.3	88.6	89.4	91.1	93.3	93.6	95.0	96.5	96.6	97.3	97.5	97.9	98.0
GE 400	72.1	82.3	84.5	86.2	88.7	89.5	91.3	93.6	93.9	95.3	97.3	97.4	98.3	98.4	98.8	99.0
GE 300	72.1	82.3	84.5	86.2	88.7	89.5	91.4	93.7	94.0	95.5	97.6	97.7	98.7	98.8	99.3	99.5
GE 200	72.1	82.3	84.5	86.2	88.8	89.6	91.4	93.7	94.0	95.6	97.8	97.8	98.9	99.1	99.6	99.8
GE 100	72.1	82.3	84.5	86.2	88.8	89.6	91.4	93.7	94.0	95.6	97.8	97.8	98.9	99.1	99.7	99.9
GE 0	72.1	82.3	84.5	86.2	88.8	89.6	91.4	93.7	94.0	95.6	97.8	97.8	98.9	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 5922

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1 10	GE 6	GE 5	GE 4	GE 3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	42.9	50.8	50.8	50.8	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	
GE 20000	44.7	53.2	53.2	53.2	53.3	53.5	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	
GE 18000	47.6	56.1	56.1	56.1	56.3	56.4	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	
GE 16000	47.8	56.5	56.5	56.5	56.7	56.8	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	
GE 14000	47.9	56.7	56.7	56.7	56.8	56.9	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
GE 12000	48.1	56.8	56.8	56.8	56.9	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	
GE 10000	48.2	56.9	56.9	56.9	57.1	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	
GE 9000	48.2	57.6	57.6	57.6	57.8	57.9	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
GE 8000	50.1	60.3	60.3	60.3	60.8	61.0	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	
GE 7000	52.5	63.9	63.9	63.9	64.4	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	
GE 6000	53.8	65.4	65.4	65.4	66.0	66.1	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	
GE 5000	54.7	66.8	66.8	66.8	67.5	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
GE 4500	55.3	68.8	68.8	68.8	69.4	69.6	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 4000	56.7	70.7	70.8	71.1	71.9	72.1	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	
GE 3500	58.3	72.8	73.2	73.5	74.4	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	
GE 3000	59.7	75.0	75.6	76.3	76.9	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	
GE 2500	60.8	77.2	78.1	78.5	79.6	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
GE 2000	60.8	78.1	79.0	79.7	80.7	80.8	81.1	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7	
GE 1800	61.3	79.0	80.1	80.3	81.9	82.1	82.8	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	
GE 1500	61.9	80.7	82.4	83.9	84.9	85.0	86.3	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	
GE 1200	62.1	81.4	83.5	85.4	86.8	87.1	88.5	89.4	89.4	90.0	90.0	90.1	90.4	90.4	90.4	90.4	
GE 1000	62.1	82.2	84.9	87.1	88.9	89.2	90.6	91.5	91.5	92.2	92.2	92.5	93.2	93.2	93.2	93.2	
GE 900	62.1	82.2	85.3	87.5	89.3	89.6	91.0	92.2	92.2	93.3	93.3	93.6	94.3	94.3	94.3	94.3	
GE 800	62.1	82.2	85.3	87.5	89.3	89.6	91.0	92.5	92.5	93.9	93.9	94.2	94.9	94.9	94.9	94.9	
GE 700	62.1	82.2	85.3	87.5	89.3	89.6	91.0	92.6	92.6	94.3	95.0	95.3	96.0	96.0	96.0	96.0	
GE 600	62.1	82.2	85.3	87.5	89.3	89.6	91.0	92.6	92.6	94.7	95.8	96.1	97.4	97.4	97.4	97.4	
GE 500	62.1	82.2	85.3	87.5	89.3	89.6	91.0	92.9	92.9	95.1	96.3	96.5	97.8	97.8	97.8	97.8	
GE 400	62.1	82.2	85.3	87.5	89.3	89.6	91.0	93.2	93.2	95.4	97.1	97.4	99.0	99.0	99.0	99.3	
GE 300	62.1	82.2	85.3	87.5	89.3	89.6	91.0	93.2	93.2	95.4	97.2	97.5	99.2	99.2	99.2	99.6	
GE 200	62.1	82.2	85.3	87.5	89.3	89.6	91.0	93.2	93.2	95.4	97.2	97.5	99.4	99.4	99.4	99.9	
GE 100	62.1	82.2	85.3	87.5	89.3	89.6	91.0	93.2	93.2	95.4	97.2	97.5	99.4	99.4	99.4	99.9	
GE 0	62.1	82.2	85.3	87.5	89.3	89.6	91.0	93.2	93.2	95.4	97.2	97.5	99.4	99.6	99.6	100.0	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAO

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702370 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(CEILING): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.6	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 20000	40.3	43.1	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 18000	41.8	44.7	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 16000	42.1	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 14000	42.1	45.0	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 12000	43.1	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 10000	43.6	46.5	46.5	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 9000	44.0	47.2	47.6	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 8000	46.5	50.8	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 7000	50.3	54.9	55.7	55.8	55.8	55.8	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	51.8	56.7	57.6	57.8	57.8	57.8	57.9	58.2	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.3
GE 5000	53.9	59.0	60.0	60.1	60.1	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7
GE 4500	59.3	60.1	61.1	61.3	61.3	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 4000	56.9	63.3	64.3	64.4	64.4	64.4	64.6	64.9	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 3500	59.3	66.4	67.4	67.5	67.8	67.8	67.9	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3
GE 3000	60.8	68.4	70.4	70.7	71.4	71.5	71.7	71.9	71.9	71.9	71.9	71.9	71.9	72.1	72.1	72.1
GE 2500	72.8	71.3	72.8	73.5	74.4	74.6	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3
GE 2000	63.6	72.8	74.6	75.3	76.8	76.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
GE 1800	63.9	73.3	75.1	76.4	77.4	77.5	77.8	78.2	78.2	78.3	78.3	78.3	78.3	78.5	78.5	78.5
GE 1600	65.7	76.4	79.2	80.4	81.9	82.1	82.8	83.3	83.3	83.5	83.5	83.5	83.5	83.6	83.6	83.6
GE 1400	65.6	77.5	80.0	82.1	83.2	83.8	84.6	85.3	85.3	85.8	86.0	86.0	86.0	86.3	86.3	86.3
GE 1200	65.7	78.3	81.1	83.5	85.0	85.7	86.8	87.8	87.8	88.6	88.9	88.9	88.9	89.6	89.6	89.6
GE 1000	65.7	78.3	81.1	83.5	85.3	86.0	87.1	88.1	88.1	88.3	89.6	89.6	89.6	90.3	90.3	90.3
GE 900	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.3	89.3	91.1	91.7	91.7	91.7	92.4	92.4	92.4
GE 800	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.3	89.4	91.5	92.2	92.2	92.2	93.1	93.1	93.1
GE 700	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	89.6	92.1	93.1	93.1	93.1	94.2	94.2	94.3
GE 600	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	89.9	90.1	92.9	94.3	94.3	95.4	95.4	95.6
GE 500	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.4	90.7	93.5	95.8	95.8	97.5	97.5	98.1
GE 400	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.6	90.8	93.6	96.3	96.3	98.8	98.8	99.3
GE 300	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.6	90.8	93.6	96.3	96.3	98.9	98.9	99.4
GE 200	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.6	90.8	93.6	96.3	96.3	98.9	98.9	99.4
GE 100	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.6	90.8	93.6	96.3	96.3	98.9	98.9	99.4
GE 0	65.8	78.6	81.7	84.4	86.1	86.8	88.1	89.4	90.6	90.8	93.6	96.3	96.3	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000	41.9	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 18000	44.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 16000	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 14000	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 12000	45.1	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 10000	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 9000	47.6	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 8000	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 7000	55.8	56.7	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 6000	58.1	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	60.1	61.0	61.1	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.8	61.8	61.8
GE 4500	60.8	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.5	62.5	62.5
GE 4000	61.8	62.6	62.9	63.2	63.2	63.2	63.2	63.3	63.5	63.5	63.5	63.5	63.5	63.9	63.9	63.9
GE 3500	63.6	64.4	64.7	65.1	65.0	65.0	65.1	65.4	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8
GE 3000	64.3	65.1	65.6	66.3	66.3	66.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	67.1	67.1	67.1
GE 2500	66.4	67.8	68.2	68.5	68.9	68.9	69.3	69.7	69.7	69.7	69.7	69.7	69.7	70.1	70.1	70.1
GE 2000	68.5	70.1	71.0	71.9	72.4	72.4	72.8	73.2	73.3	73.5	73.5	73.5	73.5	73.9	73.9	73.9
GE 1800	68.6	70.8	71.8	72.9	73.6	73.8	74.2	74.7	74.9	75.0	75.0	75.0	75.0	75.4	75.4	75.4
GE 1500	69.3	72.9	74.2	75.4	76.4	76.8	77.6	78.6	78.8	78.9	78.9	78.9	78.9	79.3	79.6	79.6
GE 1200	70.6	74.3	75.7	77.2	78.6	79.2	80.6	82.4	82.5	82.8	82.8	82.8	82.8	83.2	83.5	83.5
GE 1000	71.1	75.1	77.1	78.3	80.4	81.1	82.9	85.1	85.3	85.6	85.7	85.7	85.7	86.1	86.4	86.4
GE 900	71.7	75.7	77.6	79.3	81.0	81.7	83.6	85.8	86.0	86.5	86.8	86.8	86.8	87.2	87.5	87.5
GE 800	71.9	76.0	77.9	79.7	81.4	82.4	84.3	86.7	86.9	87.8	88.6	88.6	88.6	89.0	89.3	89.3
GE 700	72.2	76.7	78.8	80.9	82.8	83.8	85.7	88.2	88.6	89.9	91.4	91.4	91.4	91.8	92.1	92.1
GE 600	72.2	76.8	79.0	81.1	83.2	84.3	86.5	89.0	89.4	91.0	92.6	92.6	92.6	93.1	93.3	93.6
GE 500	72.2	76.8	79.2	81.4	83.5	84.6	87.2	90.0	90.6	93.2	94.9	94.9	94.9	95.3	95.6	95.6
GE 400	72.2	76.8	79.2	81.4	83.5	84.6	87.5	91.0	91.5	94.2	96.8	96.8	96.8	97.5	98.1	98.9
GE 300	72.2	76.9	79.3	81.9	84.0	85.1	88.2	91.7	92.2	94.9	97.5	97.5	97.5	98.2	98.8	98.9
GE 200	72.2	76.9	79.3	81.9	84.0	85.1	88.2	91.7	92.2	94.9	97.5	97.5	97.5	98.3	98.9	99.0
GE 100	72.2	76.9	79.3	81.9	84.0	85.1	88.2	91.7	92.2	94.9	97.5	97.5	97.5	98.3	98.9	99.9
GE 0	72.2	76.9	79.3	81.9	84.0	85.1	88.2	91.7	92.2	94.9	97.5	97.5	97.5	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J	
NO CEIL	39.6	40.0	40.0	40.4	40.4	40.6	40.6	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	
GE 20000	42.4	42.8	42.8	43.2	43.2	43.3	43.3	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	
GE 18000	45.4	45.8	45.8	46.3	46.3	46.4	46.4	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	
GE 16000	46.9	47.4	47.4	47.3	47.8	47.9	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
GE 14000	47.5	47.9	47.9	48.3	48.3	48.5	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	
GE 12000	47.9	48.3	48.3	48.3	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	
GE 10000	48.5	48.9	48.9	49.3	49.3	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
GE 9000	49.6	50.0	50.0	50.4	50.4	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	
GE 8000	53.1	53.6	53.6	54.0	54.0	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	
GE 7000	57.8	58.3	58.3	58.3	58.8	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	
GE 6000	60.4	61.0	61.0	61.4	61.4	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	
GE 5000	61.8	62.4	62.4	62.3	62.9	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3	
GE 4500	62.6	63.2	63.2	63.5	63.6	63.8	63.8	64.0	64.0	64.0	64.0	64.2	64.3	64.3	64.3	64.3	
GE 4000	63.9	64.6	64.7	65.3	65.4	65.6	65.6	65.8	65.8	65.8	66.0	66.1	66.3	66.3	66.3	66.3	
GE 3500	65.4	66.3	66.4	66.9	67.1	67.2	67.2	67.5	67.5	67.5	67.6	67.8	67.9	67.9	67.9	67.9	
GE 3000	66.5	67.2	67.4	67.7	68.2	68.3	68.3	68.6	68.6	68.6	68.8	68.9	69.0	69.0	69.0	69.0	
GE 2500	67.4	69.3	69.4	70.1	70.4	70.6	70.6	70.8	70.8	70.8	71.0	71.1	71.3	71.3	71.3	71.3	
GE 2000	68.9	71.7	71.8	72.2	73.8	74.0	74.0	74.4	74.4	74.4	74.6	74.7	74.9	74.9	74.9	74.9	
GE 1800	70.1	73.1	73.5	74.7	75.7	76.1	76.1	76.7	76.7	76.9	77.1	77.2	77.4	77.4	77.4	77.4	
GE 1500	72.2	76.1	76.8	78.2	79.2	79.9	80.1	80.8	80.8	81.3	81.5	81.7	81.9	81.9	81.9	81.9	
GE 1200	73.8	78.1	78.9	80.4	81.5	82.8	83.1	84.3	84.3	84.7	85.0	85.1	85.4	85.4	85.4	85.4	
GE 1000	75.0	79.9	81.1	82.3	84.0	85.3	85.7	87.9	87.9	88.3	88.8	88.9	89.3	89.3	89.3	89.3	
GE 900	75.6	81.0	82.4	84.0	85.4	86.8	87.2	89.4	89.4	89.6	90.1	90.7	90.8	91.3	91.3	91.3	
GE 800	75.7	81.4	82.9	84.5	86.0	87.4	88.5	90.7	90.8	91.7	92.5	92.6	93.1	93.1	93.1	93.1	
GE 700	76.0	81.8	83.3	85.0	86.4	87.9	89.0	91.4	91.5	92.5	93.5	93.6	94.4	94.4	94.4	94.4	
GE 600	76.0	81.9	83.8	85.4	87.1	88.6	89.9	92.5	92.6	93.9	95.0	95.1	96.1	96.3	96.3	96.3	
GE 500	76.0	82.1	84.0	85.7	87.4	89.0	90.4	93.3	93.5	95.3	96.4	96.7	97.8	98.1	98.1	98.1	
GE 400	76.1	82.2	84.2	86.0	87.6	89.4	90.8	93.8	93.9	95.7	97.5	97.8	99.2	99.4	99.4	99.4	
GE 300	76.1	82.2	84.2	86.0	87.6	89.4	90.8	93.8	93.9	95.7	97.5	97.8	99.3	99.6	99.6	99.6	
GE 200	76.1	82.2	84.2	86.0	87.6	89.4	90.8	93.8	93.9	95.7	97.5	97.8	99.3	99.6	99.6	99.6	
GE 100	76.1	82.2	84.2	86.0	87.6	89.4	90.8	93.8	93.9	95.7	97.5	97.8	99.3	99.7	100.0	100.0	
GE 0	76.1	82.2	84.2	86.0	87.6	89.4	90.8	93.8	93.9	95.7	97.5	97.8	99.3	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR & WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(151): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CELL	37.8	38.2	38.3	38.3	38.6	38.6	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	40.3	40.7	41.1	41.4	41.4	41.5	41.5	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 18000	43.1	43.5	43.9	44.2	44.2	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	44.4	44.9	45.3	45.5	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	44.7	45.1	45.6	45.5	45.8	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	45.6	46.0	46.4	46.7	46.7	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 10000	46.8	47.2	47.6	47.9	47.9	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 9000	47.8	48.2	48.6	48.9	48.9	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 8000	51.1	51.5	51.9	52.2	52.2	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 7000	56.4	56.9	57.4	57.3	58.1	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 6000	57.9	58.5	58.9	59.3	59.6	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	59.6	60.1	60.6	61.3	61.3	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 4000	60.3	60.8	61.3	61.7	61.9	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 3000	62.4	62.9	63.3	63.9	64.0	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 2000	63.2	64.0	64.4	64.9	65.1	65.3	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 1000	64.7	65.7	66.1	66.5	66.8	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	68.9	70.4	71.0	71.4	71.7	71.8	71.8	72.1	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4
GE 2000	72.2	74.7	75.6	76.1	76.4	76.7	76.7	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6
GE 1800	73.2	76.0	76.9	77.5	78.1	78.3	78.3	79.0	79.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3
GE 1600	77.1	81.7	83.5	84.2	84.7	85.4	85.7	86.4	86.4	86.4	86.5	86.9	86.9	86.9	86.9	86.9
GE 1400	78.1	85.5	85.5	86.5	87.6	88.3	88.9	89.7	89.7	89.7	89.9	90.3	90.3	90.3	90.3	90.3
GE 1200	78.4	85.8	86.3	87.5	88.8	89.6	90.1	91.7	91.7	91.7	92.1	92.5	92.5	92.5	92.5	92.5
GE 1000	78.9	86.2	86.7	88.2	89.4	90.4	91.0	92.6	92.6	92.6	93.1	93.8	93.8	93.8	93.8	93.8
GE 900	78.8	86.4	87.1	88.3	90.1	91.1	91.8	93.6	93.6	93.6	94.2	94.9	95.0	95.1	95.1	95.1
GE 800	78.8	86.6	87.2	88.9	90.4	91.4	92.1	93.9	93.9	93.9	94.9	95.8	96.0	96.4	96.4	96.4
GE 700	78.9	86.9	87.6	89.4	91.3	91.9	92.6	94.6	94.7	94.7	95.8	97.2	97.5	97.9	97.9	97.9
GE 600	79.0	85.0	87.9	89.7	91.3	92.2	92.9	94.9	95.0	95.0	96.3	97.6	97.9	98.6	98.6	98.6
GE 500	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.3	98.6	99.4	99.4	99.4
GE 400	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.5	98.8	99.7	99.7	99.7
GE 300	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.5	98.8	99.9	100.0	100.0
GE 200	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.5	98.8	99.9	100.0	100.0
GE 100	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.5	98.8	99.9	100.0	100.0
GE 0	79.0	85.0	87.9	89.7	91.4	92.4	93.1	95.0	95.1	95.1	96.8	98.5	98.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	42.1	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	44.6	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	45.1	45.4	45.6	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 14000	46.0	46.3	46.4	46.4	46.4	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 12000	46.7	46.9	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 10000	49.2	49.4	49.6	49.6	49.6	49.6	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 9000	50.0	50.4	50.6	50.6	50.6	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 8000	52.6	53.1	53.2	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 7000	56.5	57.8	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 6000	57.4	58.6	58.9	58.9	58.9	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 5000	59.3	61.0	61.7	61.7	61.8	61.9	62.2	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	59.9	61.5	62.2	62.2	62.4	62.5	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 4000	61.8	63.5	64.2	64.2	64.3	64.4	64.7	64.7	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 3500	64.7	66.7	67.5	67.5	67.6	67.8	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 3000	67.2	69.3	70.6	70.6	70.7	70.8	71.1	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 2500	72.1	74.3	75.7	75.8	76.1	76.3	76.5	76.5	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2000	76.3	79.4	81.3	81.7	82.1	82.5	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1800	77.2	80.6	82.4	82.8	83.5	84.0	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	80.0	83.8	86.0	86.4	87.2	87.8	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 1200	82.7	84.7	86.9	87.9	88.9	89.6	90.4	90.4	90.6	90.8	90.8	90.8	91.3	91.3	91.3	91.3
GE 1000	81.1	85.4	87.6	88.5	89.6	90.3	91.1	91.9	92.4	92.6	92.6	92.6	93.1	93.1	93.1	93.1
GE 900	81.4	85.8	88.1	88.9	90.1	90.8	91.7	92.9	93.3	93.6	93.8	93.8	94.3	94.3	94.3	94.3
GE 800	81.7	86.1	88.5	89.3	90.4	91.7	92.8	94.4	94.9	95.1	95.7	95.8	96.4	96.4	96.4	96.4
GE 700	81.7	86.1	88.5	89.3	90.8	91.7	92.8	94.4	94.9	95.3	95.8	96.0	96.5	96.7	96.7	96.7
GE 600	81.7	86.1	88.5	89.3	91.0	91.8	93.1	94.7	95.1	95.8	97.1	97.4	98.3	98.8	98.8	98.8
GE 500	81.7	86.1	88.5	89.3	91.0	91.8	93.2	95.1	95.6	96.4	97.6	97.9	98.9	99.3	99.3	99.3
GE 400	81.7	86.1	88.5	89.3	91.0	91.8	93.2	95.1	95.6	96.5	98.1	98.3	99.3	99.7	99.7	99.7
GE 300	81.7	86.1	88.5	89.3	91.0	91.8	93.2	95.1	95.6	96.5	98.1	98.3	99.3	99.7	99.9	99.9
GE 200	81.7	86.1	88.5	89.3	91.0	91.8	93.2	95.1	95.6	96.5	98.1	98.3	99.3	99.7	99.9	99.9
GE 100	81.7	86.1	88.5	89.3	91.0	91.8	93.2	95.1	95.6	96.5	98.1	98.3	99.3	99.7	100.0	100.0
GE 0	81.7	86.1	88.5	9.3	91.0	91.8	93.2	95.1	95.6	96.5	98.1	98.3	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(UTC): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	44.9	45.3	45.4	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	
GE 20000	46.5	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	
GE 18000	48.8	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
GE 16000	50.1	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	
GE 14000	51.0	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	
GE 12000	51.5	52.2	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
GE 10000	53.5	54.2	54.3	54.4	54.4	54.4	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	
GE 9000	54.3	55.3	55.4	55.5	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	
GE 8000	57.1	58.2	58.3	58.5	58.5	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
GE 7000	62.4	64.3	64.4	64.5	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	
GE 6000	63.3	65.6	65.7	65.8	65.8	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	
GE 5000	64.9	67.1	67.2	67.5	67.5	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	
GE 4000	65.4	67.8	67.9	68.3	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	
GE 3000	68.9	71.1	71.3	71.7	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	
GE 2500	71.3	73.6	73.8	74.2	74.2	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	
GE 2000	73.5	75.8	76.0	76.4	76.4	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	
GE 1500	75.7	78.3	78.5	79.2	79.4	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	
GE 1000	76.8	80.1	80.8	81.4	81.9	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	
GE 800	77.5	81.0	81.9	82.5	83.3	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 600	79.2	83.6	84.9	85.5	86.7	86.9	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	
GE 400	79.9	84.9	86.3	87.1	88.6	89.3	90.0	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0	91.0	91.0	
GE 300	80.7	85.8	87.2	88.1	89.9	90.6	91.5	92.8	92.8	92.8	92.8	92.8	92.8	93.1	93.2	93.2	93.2	
GE 200	80.7	86.0	87.4	88.2	90.0	90.8	91.9	93.5	93.5	93.5	93.5	93.5	93.5	93.9	94.0	94.0	94.0	
GE 150	80.7	86.0	87.4	88.2	90.3	91.1	92.4	93.9	93.9	93.9	93.9	94.3	94.3	94.6	94.7	94.7	94.7	
GE 100	80.7	86.0	87.4	88.2	90.3	91.1	92.5	94.0	94.0	94.0	94.0	94.6	94.6	94.9	95.0	95.0	95.0	
GE 50	80.7	86.0	87.5	88.3	90.4	91.3	92.8	94.3	94.3	94.3	94.6	95.6	95.6	96.0	96.1	96.1	96.1	
GE 20	80.8	86.1	87.8	88.5	90.7	91.5	93.3	94.9	94.9	95.3	96.5	96.5	96.9	97.1	97.5	97.5	97.5	
GE 10	80.8	86.1	87.9	88.3	90.8	91.7	93.5	95.0	95.0	95.4	96.9	96.9	97.5	97.6	98.1	98.1	98.1	
GE 5	80.8	86.1	87.9	88.3	90.8	91.7	93.5	95.0	95.0	95.6	97.1	97.1	98.3	98.6	99.4	99.4	99.4	
GE 2	80.8	86.1	87.9	88.3	90.8	91.7	93.5	95.0	95.0	95.6	97.1	97.2	98.6	98.9	99.7	99.7	99.7	
GE 1	80.8	86.1	87.9	88.3	90.8	91.7	93.5	95.0	95.0	95.6	97.1	97.2	98.6	98.9	99.7	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS(LST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	46.1	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	47.9	53.5	53.6	53.5	53.6	53.6	53.6	53.6	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	48.6	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	49.3	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 12000	50.3	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 10000	50.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 9000	51.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 8000	53.1	59.6	59.7	59.7	59.9	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 7000	56.3	63.9	64.2	64.2	64.3	64.3	64.3	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 6000	57.4	65.0	65.3	65.3	65.4	65.4	65.4	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	58.3	66.0	66.3	66.4	66.8	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	59.9	68.6	68.9	69.1	69.4	69.4	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	62.9	72.1	72.5	72.5	73.1	73.1	73.2	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	65.1	74.9	75.6	75.7	76.1	76.1	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	66.4	76.3	76.9	77.1	77.9	77.9	78.2	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	67.4	78.2	79.2	79.4	80.3	80.3	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	68.2	80.1	81.3	81.7	82.5	82.6	83.2	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1800	68.6	80.7	81.9	82.4	83.2	83.3	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1500	69.2	83.1	85.0	85.5	86.4	86.7	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	70.0	84.2	86.3	87.4	88.6	89.2	89.9	90.6	90.6	90.7	90.7	90.7	90.8	91.0	91.0	91.0	91.0
GE 1000	70.1	85.4	87.6	88.9	90.0	90.6	91.3	91.9	91.9	92.2	92.2	92.2	92.4	92.8	92.8	92.9	92.9
GE 900	70.1	85.7	88.2	89.3	90.7	91.3	91.9	92.8	92.9	93.6	93.6	93.6	93.8	94.2	94.2	94.3	94.3
GE 800	70.1	85.7	88.2	89.3	90.8	91.4	92.1	93.1	93.2	93.9	93.9	93.9	94.0	94.4	94.4	94.6	94.6
GE 700	70.1	85.7	88.2	89.3	90.8	91.4	92.1	93.2	93.3	94.2	94.2	94.2	95.0	95.4	95.4	95.6	95.6
GE 600	70.1	85.8	88.3	89.4	91.0	91.5	92.2	93.3	93.5	94.6	94.6	94.6	96.0	96.7	96.7	96.8	96.8
GE 500	70.1	85.8	88.3	89.4	91.0	91.5	92.2	93.3	93.5	94.7	94.7	94.7	96.1	96.8	96.8	96.9	96.9
GE 400	70.1	85.8	88.3	89.4	91.1	91.7	92.4	93.5	93.6	94.9	94.9	94.9	96.7	96.8	97.9	98.1	98.1
GE 300	70.1	85.8	88.3	89.4	91.1	91.7	92.4	93.5	93.6	94.9	94.9	94.9	96.7	96.8	98.3	98.6	99.0
GE 200	70.1	85.8	88.3	89.4	91.1	91.7	92.4	93.5	93.6	94.9	94.9	94.9	96.7	97.1	98.8	99.0	99.4
GE 100	70.1	85.8	88.3	89.4	91.1	91.7	92.4	93.5	93.6	94.9	94.9	94.9	96.7	97.1	98.8	99.2	99.6
GE 0	70.1	85.8	88.3	89.4	91.1	91.7	92.4	93.5	93.6	94.9	94.9	94.9	96.7	97.1	98.8	99.2	99.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: APR HOURS (LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0		
NO CEIL	90.7	92.8	92.9	93.3	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2		
GE 20000	93.0	95.9	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8		
GE 18000	95.9	97.8	97.9	98.3	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2		
GE 16000	96.2	98.6	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1		
GE 14000	96.6	99.1	99.2	99.3	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5		
GE 12000	97.3	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 10000	98.4	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 8000	99.1	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 6000	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 5000	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 4000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 3000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 2500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 2000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 1800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 1600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 1400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 1200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 1000	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 900	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 800	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 700	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 600	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 500	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 400	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 300	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9		

TOTAL NUMBER OF OBSERVATIONS: 5760

JOINT CLIMATELOGY BRANCH  
 USAF/ETAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARBEVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: MAY HOURS(EST): 0000-0200

CEILING FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9
NO CEILING	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 20000	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 18000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 14000	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 10000	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	55.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	66.5	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	68.1	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	70.2	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4000	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	75.0	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 2000	80.2	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 1000	82.8	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	86.8	86.6	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	87.2	86.4	86.8	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 700	88.7	88.8	87.5	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 600	88.9	88.6	89.8	90.3	90.5	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 500	89.5	89.0	90.3	91.3	91.4	91.4	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 400	89.5	89.5	91.4	92.1	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 300	89.8	89.9	91.8	92.5	93.3	93.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 200	89.9	90.1	91.9	92.5	93.4	93.4	94.1	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 100	89.8	90.2	92.1	92.7	93.9	93.8	94.5	94.5	94.5	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 0	89.8	90.3	92.3	93.1	94.2	94.2	95.0	95.0	95.0	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 0.1	89.8	90.3	92.5	93.3	94.4	94.5	95.3	95.3	95.3	95.7	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 0.2	89.8	90.3	92.5	93.3	94.4	94.5	95.4	95.4	95.6	95.6	96.1	97.3	97.3	97.7	97.7	97.7	97.7
GE 0.3	89.8	90.3	92.5	93.3	94.4	94.5	95.4	95.4	95.7	95.7	96.5	98.3	98.4	98.9	98.9	98.9	98.9
GE 0.4	89.8	90.3	92.5	93.3	94.4	94.5	95.4	95.4	95.7	95.7	96.6	98.4	98.5	99.9	99.9	99.9	99.9
GE 0.5	89.8	90.3	92.5	93.3	94.4	94.5	95.4	95.4	95.7	95.7	96.6	98.4	98.5	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 749



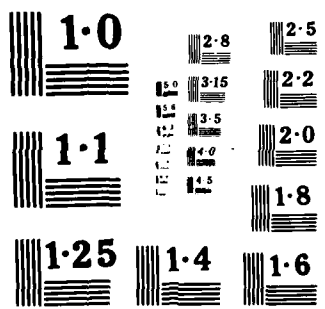
REVISID UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

SPARREVOHN AFS ALASKA(U) AIR FORCE ENVIRONMENTAL

TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 SEP 85  
USAFETAC/DS-85/048 F/G 4/2

NL

[illegible]



GLOHAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARPEVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CIL	35.9	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 20000	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 16000	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 14000	44.9	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 9000	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 8000	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 7000	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	65.1	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 5000	66.8	67.7	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4500	69.1	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	72.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	76.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 3000	78.8	79.7	80.1	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 2500	80.0	81.3	82.1	82.3	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 2000	80.6	82.7	83.7	84.0	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 1800	80.8	82.8	84.1	84.4	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9
GE 1500	81.5	84.3	85.9	86.2	87.6	87.6	87.6	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0
GE 1200	81.5	84.3	86.3	86.5	88.3	88.3	88.3	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.1	89.1
GE 1000	81.7	85.1	87.2	88.2	90.1	90.1	90.1	90.3	90.3	91.0	91.0	91.0	91.0	91.0	91.1	91.1
GE 900	81.9	85.2	87.6	88.7	90.6	90.6	90.6	90.9	91.1	91.1	91.9	91.9	91.9	91.9	92.1	92.1
GE 800	81.9	85.2	87.6	88.7	90.6	90.6	90.6	90.9	91.3	91.3	92.2	92.3	92.3	92.3	92.5	92.5
GE 700	81.9	85.2	87.6	88.7	90.6	90.6	90.6	90.9	91.3	91.3	92.3	92.6	92.6	92.6	92.7	92.7
GE 600	82.0	85.3	87.8	88.9	90.7	90.7	91.0	91.5	91.5	92.6	93.0	93.0	93.0	93.0	93.1	93.1
GE 500	82.0	85.6	88.2	89.2	91.4	91.4	91.8	92.3	92.5	94.0	94.4	94.4	94.4	94.4	94.5	94.5
GE 400	82.0	85.8	88.4	89.3	91.7	91.7	92.5	93.3	93.4	94.9	95.7	95.7	95.7	95.7	96.0	96.0
GE 300	82.0	85.8	88.4	89.3	91.9	91.9	93.0	93.8	94.0	96.1	97.3	97.3	97.3	97.3	98.0	98.0
GE 200	82.0	85.8	88.4	89.3	91.9	92.1	93.1	94.0	94.1	96.2	97.4	97.4	97.4	98.1	98.9	98.9
GE 100	82.0	85.8	88.4	89.3	91.9	92.1	93.1	94.0	94.1	96.2	97.4	97.4	97.4	98.3	99.2	99.5
GE 0	82.0	85.8	88.4	89.3	91.9	92.1	93.1	94.0	94.1	96.2	97.4	97.4	98.3	98.3	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(IST): 0600-0800

CEILING		VISIBILITY IN STATUTE MILES																
IN	FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0	
NO CEIL		39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.5	39.5	39.5	39.5	
GE 20000	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	
GE 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	
GE 16000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	
GE 14000	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	
GE 12000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	48.0	48.0	48.0	48.0	
GE 10000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	
GE 9000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.6	49.6	49.6	49.6	
GE 8000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	54.2	54.2	54.2	54.2	
GE 7000	62.2	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9	62.9	62.9	62.9	
GE 6000	64.2	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.9	64.9	64.9	64.9	
GE 5000	66.8	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.5	67.5	67.5	67.5	
GE 4500	68.8	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.5	69.5	69.5	69.5	
GE 4000	72.2	72.4	72.4	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.8	72.8	72.8	72.8	
GE 3500	75.1	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.8	75.8	75.8	75.8	
GE 3000	76.9	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	
GE 2500	77.8	78.2	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2	79.2	79.2	79.2	
GE 2000	79.3	80.0	80.6	80.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6	81.6	81.6	
GE 1800	79.8	80.6	81.3	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4	
GE 1500	81.9	83.1	83.7	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	85.1	85.1	85.1	85.1	
GE 1200	82.3	84.1	84.8	85.5	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	87.1	87.1	87.1	87.1	
GE 1000	83.1	84.9	85.8	86.3	87.6	87.6	87.8	88.3	88.6	88.6	88.8	88.8	88.8	89.2	89.2	89.2	89.2	
GE 900	83.2	85.2	86.2	87.4	88.2	88.2	88.3	88.8	89.2	89.5	89.7	89.7	89.7	90.1	90.1	90.1	90.1	
GE 800	83.1	85.6	86.6	87.9	88.6	88.7	88.8	89.5	89.9	90.2	90.3	90.3	90.3	90.9	90.9	90.9	90.9	
GE 700	83.3	85.6	86.6	87.3	88.6	88.7	89.1	89.9	90.3	90.6	91.0	91.0	91.0	91.7	91.7	91.7	91.7	
GE 600	83.5	85.9	86.8	88.2	89.0	89.1	89.5	90.5	90.9	91.1	91.7	91.7	91.7	92.3	92.3	92.3	92.3	
GE 500	83.5	86.3	87.5	89.1	89.9	90.2	90.7	91.8	92.2	92.5	93.0	93.0	93.0	93.7	93.7	93.7	93.7	
GE 400	83.7	87.1	88.3	90.1	90.9	91.1	91.8	92.9	93.3	93.5	95.2	95.2	95.2	96.0	96.0	96.1	96.1	
GE 300	83.9	87.2	88.4	90.2	91.1	91.7	92.5	93.5	94.0	94.2	96.9	96.9	96.9	97.8	97.8	98.3	98.5	
GE 200	83.9	87.2	88.4	90.2	91.1	91.7	92.5	93.5	94.0	94.2	96.9	96.9	96.9	98.0	98.0	98.4	98.7	
GE 100	83.9	87.2	88.4	90.2	91.1	91.7	92.5	93.7	94.1	94.5	97.2	97.2	97.2	98.4	98.4	98.8	99.6	
GE 0	83.9	87.2	88.4	90.2	91.1	91.7	92.5	93.7	94.1	94.5	97.2	97.2	97.2	98.4	98.4	98.8	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPAHRVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(IST): 0900-1100

CEILINGS		VISIBILITY IN STATUTE MILES																
IN FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
10	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CELL	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 20000	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 18000	34.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 16000	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 14000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 12000	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 10000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 9000	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 8000	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 7000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 6000	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	58.5	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 4500	59.9	60.2	60.2	60.2	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 4000	63.7	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 3500	66.8	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 3000	68.8	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	72.6	73.4	73.4	73.4	73.4	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 2000	72.3	80.2	81.0	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1800	80.6	81.7	82.5	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1500	84.5	85.8	86.6	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200	87.2	88.7	89.5	90.3	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	87.5	89.2	90.1	90.9	91.0	91.3	91.5	91.5	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 900	88.4	90.3	91.1	92.1	92.2	92.6	92.9	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	89.1	91.5	92.3	93.5	93.7	94.2	94.5	94.5	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 700	89.2	91.8	92.6	94.5	94.6	95.3	95.7	96.0	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	89.2	91.8	92.6	94.5	94.8	95.4	95.8	96.2	96.5	96.8	97.0	97.0	97.0	97.0	97.2	97.2	97.2	97.2
GE 500	89.4	91.9	92.7	94.3	94.9	95.7	96.2	96.9	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8
GE 400	89.4	91.9	92.7	94.3	95.2	96.0	96.5	97.6	97.8	98.4	98.4	98.4	98.4	98.8	98.8	98.8	98.9	98.9
GE 300	89.4	91.9	92.7	94.3	95.2	96.0	96.5	97.7	98.0	98.5	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 200	89.4	91.9	92.7	94.3	95.2	96.0	96.5	97.7	98.0	98.7	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 100	89.4	91.9	92.7	94.3	95.2	96.0	96.5	97.7	98.0	98.8	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 0	89.4	91.9	92.7	94.3	95.2	96.0	96.5	97.7	98.0	98.8	99.6	99.6	99.6	99.6	99.7	100.0		

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	19.7	18.7	19.7	18.7	18.7	18.7
GE 20000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 18000	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 16000	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 14000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 12000	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 10000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 9000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 7000	36.4	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 6000	38.2	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 5000	40.9	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 4500	42.3	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 4000	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 3500	54.8	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 3000	62.7	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2500	71.0	71.5	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2000	83.3	84.3	84.7	84.7	84.7	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1800	86.4	87.5	87.9	87.9	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1500	89.7	92.6	93.1	93.3	93.3	93.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	90.9	94.5	95.0	95.3	95.6	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	91.0	94.8	95.3	95.5	95.8	96.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8
GE 900	91.5	95.6	96.2	96.5	96.7	97.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5
GE 800	91.7	95.8	96.5	97.3	97.4	97.7	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5
GE 700	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 600	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.2	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 500	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 400	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0
GE 300	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0
GE 200	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0
GE 100	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.6	99.7	99.7	100.0	100.0	100.0
GE 0	91.7	95.8	96.5	97.3	97.4	97.7	99.1	99.3	99.6	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 20000	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 18000	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 16000	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 14000	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 12000	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 10000	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 9000	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 8000	38.0	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 7000	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 6000	46.1	46.2	46.2	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 5000	48.4	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 4500	52.4	52.6	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4000	58.2	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 3500	64.0	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 3000	70.6	70.7	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 2500	77.3	78.0	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2000	87.8	88.4	88.7	89.0	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	90.2	90.9	91.1	91.4	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	92.2	93.3	94.4	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1200	93.7	94.9	96.0	96.3	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	94.1	95.3	96.6	97.7	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	94.1	95.6	96.9	98.0	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	94.1	95.7	97.0	98.1	98.4	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	94.1	95.7	97.0	98.1	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	94.1	95.7	97.0	98.1	98.8	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 0	94.1	95.7	97.0	98.3	98.9	99.2	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(151): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 20000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 18000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 16000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 12000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 9000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 8000	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 7000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 6000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 5000	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 4500	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 4000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 3500	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 2500	82.4	83.3	83.7	84.1	84.3	84.3	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	87.8	89.1	89.7	90.2	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1800	88.3	89.7	90.3	90.7	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	90.6	92.1	93.0	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1200	91.7	93.5	94.6	95.2	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	92.3	94.4	95.4	96.1	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	92.3	94.4	95.4	96.1	96.2	96.2	97.0	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	92.5	94.5	95.6	96.1	96.4	96.4	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	92.5	94.5	95.6	96.2	96.5	96.5	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	92.5	94.5	95.6	96.4	96.6	96.6	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	92.5	94.5	95.6	96.4	96.9	97.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	92.5	94.5	95.6	96.4	96.9	97.2	98.1	98.7	98.8	98.8	98.8	98.9	99.1	99.2	99.3	99.3
GE 300	92.5	94.5	95.6	96.4	96.9	97.3	98.3	98.8	98.9	98.9	99.0	99.2	99.3	99.5	99.6	99.6
GE 200	92.5	94.5	95.6	96.4	96.9	97.3	98.3	98.9	99.1	99.1	99.1	99.5	99.6	99.7	99.9	99.9
GE 100	92.5	94.5	95.6	96.4	96.9	97.3	98.3	98.9	99.1	99.1	99.1	99.5	99.6	99.7	99.9	100.0
GE 0	92.5	94.5	95.6	96.4	96.9	97.3	98.3	98.9	99.1	99.1	99.1	99.5	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(UTC): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 18000	42.7	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 16000	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 12000	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 9000	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 8000	51.9	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 7000	63.0	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	68.7	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4000	73.1	73.4	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3000	79.6	80.0	80.1	80.2	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	84.5	85.3	86.3	86.7	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	85.8	86.8	87.9	88.4	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	86.4	87.5	88.6	89.1	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	89.3	89.8	91.3	91.3	92.3	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	90.1	90.9	92.5	93.3	93.5	93.8	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	92.2	93.3	93.0	93.7	94.2	94.5	94.9	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	92.4	93.5	93.3	94.3	94.5	94.8	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
GE 800	92.4	93.7	94.1	94.1	94.8	95.0	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 700	92.5	93.7	94.5	95.2	95.4	95.4	95.8	96.0	96.0	96.2	96.5	96.5	96.5	96.5	96.5	96.5
GE 600	92.5	94.2	95.3	95.7	96.0	96.5	96.6	96.6	96.6	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 500	92.6	94.5	95.3	96.0	96.2	96.8	96.9	96.9	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	92.6	94.5	95.3	96.0	96.2	96.8	97.0	97.0	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	92.6	94.5	95.3	96.0	96.2	96.8	97.2	97.2	97.8	98.9	98.9	99.3	99.3	99.3	99.3	99.3
GE 200	92.6	94.5	95.3	96.0	96.2	96.8	97.2	97.2	97.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5
GE 100	92.6	94.5	95.3	96.0	96.2	96.8	97.2	97.2	97.8	99.1	99.1	99.5	99.5	99.5	99.5	99.5
GE 0	92.6	94.5	95.3	96.0	96.2	96.8	97.2	97.2	97.8	99.1	99.1	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: MAY HOURS(IST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 20000	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 18000	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 16000	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 14000	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 12000	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 10000	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 9000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 8000	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 7000	55.7	55.9	56.0	56.3	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 6000	57.5	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 5000	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	61.8	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 4000	65.9	66.2	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 3500	70.5	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 3000	74.1	74.6	74.8	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 2500	78.5	79.6	80.1	80.3	80.5	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 2000	83.4	84.7	85.4	85.7	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1800	84.5	85.9	86.7	87.0	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	86.6	88.7	89.7	90.2	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	87.6	90.0	91.1	91.7	92.3	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	87.9	90.6	91.9	92.5	93.2	93.4	93.7	93.8	93.8	94.0	94.0	94.0	94.0	94.1	94.1	94.1
GE 900	89.2	91.0	92.3	93.1	93.8	94.0	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 800	88.3	91.3	92.6	93.5	94.2	94.4	94.9	95.1	95.2	95.5	95.5	95.5	95.5	95.6	95.6	95.6
GE 700	88.4	91.3	92.7	93.7	94.4	94.6	95.2	95.5	95.6	95.9	96.1	96.1	96.1	96.2	96.2	96.2
GE 600	88.4	91.5	92.9	93.9	94.7	94.8	95.4	95.8	95.9	96.2	96.4	96.4	96.4	96.5	96.5	96.5
GE 500	88.5	91.6	93.1	94.2	95.0	95.2	95.9	96.3	96.5	96.8	97.1	97.1	97.2	97.2	97.2	97.2
GE 400	88.5	91.7	93.2	94.3	95.2	95.4	96.2	96.7	96.9	97.3	97.7	97.7	97.8	97.8	97.8	97.8
GE 300	88.5	91.7	93.2	94.4	95.2	95.6	96.4	97.0	97.1	97.7	98.1	98.1	98.2	98.2	98.2	98.2
GE 200	88.5	91.7	93.2	94.4	95.2	95.6	96.4	97.0	97.2	97.8	98.4	98.4	98.5	98.5	98.5	98.5
GE 100	88.5	91.7	93.2	94.4	95.2	95.6	96.4	97.0	97.2	97.8	98.4	98.4	98.5	98.5	98.5	98.5
GE 0	88.5	91.7	93.2	94.4	95.2	95.6	96.4	97.0	97.2	97.8	98.4	98.4	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(511): 0000-0200

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3
NO CEIL	1	30.6	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 20000	33.3	33.3	33.8	33.4	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 18000	35.4	35.4	35.8	35.4	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 16000	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 14000	36.7	36.7	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 12000	37.8	37.8	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 10000	39.7	39.7	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 9000	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 8000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 7000	53.2	53.5	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 6000	55.6	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 5000	57.9	60.1	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500	61.4	61.7	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4000	67.2	67.8	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	73.2	73.9	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	77.6	78.8	79.3	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	80.1	81.3	81.8	82.2	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2000	81.0	82.2	82.8	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1800	81.7	83.1	83.6	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1500	82.9	84.6	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1200	83.5	86.4	87.5	88.5	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	83.9	88.2	89.4	90.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	84.0	88.6	89.9	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	84.2	88.9	90.3	91.3	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 700	84.2	89.2	90.7	91.7	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 600	84.6	89.9	91.5	92.5	93.2	93.2	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 500	84.7	90.6	92.4	93.3	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 400	84.7	91.4	93.5	94.4	95.3	95.4	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 300	84.7	91.4	94.2	95.1	96.0	96.1	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 200	84.7	91.4	94.2	95.1	96.0	96.1	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 100	84.7	91.4	94.2	95.1	96.0	96.1	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 0	84.7	91.4	94.2	95.1	96.0	96.1	96.5	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(IST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO. CEIL	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 20000	32.9	32.9	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 18000	35.1	35.1	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	35.6	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	36.5	36.5	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 10000	38.2	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 9000	39.2	39.2	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 8000	43.5	43.5	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 7000	52.9	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 6000	55.1	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 5000	60.7	60.8	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8
GE 4500	62.5	62.8	63.2	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.8	63.8	63.8
GE 4000	66.4	66.7	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6
GE 3500	71.7	72.2	72.6	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2
GE 3000	74.9	75.6	76.0	76.1	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.5	76.5	76.5
GE 2500	77.1	77.8	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.9	78.9	78.9
GE 2000	78.5	79.3	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	81.0	81.0	81.0
GE 1800	78.8	79.9	80.4	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.5	81.5	81.5
GE 1600	81.3	82.4	82.9	83.5	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.3	84.3	84.3
GE 1400	81.5	82.9	83.6	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	85.1	85.1	85.1
GE 1200	82.5	84.3	85.7	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	87.1	87.1	87.1
GE 1000	82.9	84.9	86.5	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.9	87.9	87.9
GE 900	84.0	86.1	87.8	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.3	89.3	89.3
GE 800	84.6	86.9	88.9	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.7	90.7	90.7
GE 700	84.6	87.4	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.1	91.1	91.1
GE 600	84.6	87.4	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.1	91.1	91.1
GE 500	84.6	87.4	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	91.1	91.1	91.1
GE 400	84.6	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.6	92.6	92.6
GE 300	84.6	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.6	92.6	92.6
GE 200	84.6	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.6	92.6	92.6
GE 100	84.6	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.6	92.6	92.6
GE 0	84.6	88.1	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	92.6	92.6	92.6

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 0600-0800

CEILING FEET	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	VISIBILITY IN STATUTE MILES										GE 1	GE 1/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
								GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0							
NO CEIL	30.4	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 10000	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 18000	35.4	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	36.4	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
GE 14000	37.2	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 12000	37.4	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 10000	39.2	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 8000	39.7	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 6000	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 4000	57.3	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 2000	55.0	55.8	55.8	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 5000	59.3	60.1	60.1	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4500	62.2	63.3	63.3	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 4000	66.3	67.6	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	69.9	71.4	71.4	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 3000	72.4	73.9	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 2500	73.8	75.7	75.7	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 2000	75.3	77.2	77.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1500	75.4	77.6	77.6	78.7	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1000	77.3	79.6	80.0	81.5	81.9	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 500	78.9	81.4	81.4	83.5	83.9	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1000	79.7	82.6	83.1	84.7	85.1	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 900	81.0	84.2	84.7	86.4	86.8	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 800	81.9	86.3	86.8	88.5	88.9	89.3	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 700	82.8	87.1	87.6	89.3	89.7	90.3	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	83.6	88.6	89.3	91.3	91.4	91.9	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 500	83.9	89.4	90.4	92.5	92.9	93.5	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	83.9	90.0	91.1	93.5	94.0	94.6	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 300	83.9	90.1	91.5	94.2	94.6	95.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 200	83.9	90.1	91.5	94.2	94.6	95.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 100	83.9	90.1	91.5	94.2	94.6	95.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 0	83.9	90.1	91.5	94.2	94.6	95.1	96.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5

TOTAL NUMBER OF OBSERVATIONS: 720

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 0900-1100

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 720

LOCAL CLIMATOLOGY BRANCH  
STATE TAY  
AIR & ATOM SERVICE/MAF

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 770150 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS (EST): ALL

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	5/8	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12
0-100	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
101-200	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
201-300	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
301-400	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
401-500	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
501-600	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
601-700	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
701-800	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
801-900	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
901-1000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
1001-1100	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
1101-1200	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
1201-1300	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
1301-1400	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
1401-1500	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
1501-1600	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
1601-1700	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
1701-1800	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
1801-1900	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
1901-2000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
2001-2100	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
2101-2200	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
2201-2300	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
2301-2400	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
2401-2500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
2501-2600	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
2601-2700	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
2701-2800	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
2801-2900	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
2901-3000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
3001-3100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
3101-3200	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
3201-3300	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
3301-3400	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
3401-3500	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
3501-3600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 647

GLOBAL CLIMATOLOGY BRANCH  
 WAFB/TAC  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 70250 STATION NAME: SPARROWHAWK AFB, AR

PERIOD OF RECORD: 77-99  
 MONTH: JUL HOURS(EST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
20	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
22	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
25	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
28	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
31	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
32	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
33	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
34	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
35	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
36	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
37	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
38	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
39	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
40	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
41	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
42	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
43	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
44	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
45	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
46	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
47	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
48	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
49	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
50	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
51	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
52	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
53	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
54	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
55	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
56	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
57	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
58	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
59	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
60	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

TOTAL NUMBER OF OBSERVATIONS: 717



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRSVORN AFS AR

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(EST): 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 20000	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 18000	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 16000	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 14000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 12000	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 10000	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 9000	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 8000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 7000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 6000	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 5000	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 4500	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 4000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 3500	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 3000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 2500	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 2000	77.5	77.5	77.5	77.5	77.5	77.5	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1800	79.7	79.6	79.6	79.6	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 1600	84.3	84.3	84.3	84.7	84.7	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1400	88.5	88.0	88.5	88.5	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	90.3	90.3	90.3	90.3	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1000	91.9	91.6	91.9	91.9	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	93.7	93.8	93.1	93.2	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	94.7	94.9	93.5	93.7	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	97.8	92.2	91.8	94.3	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	98.0	92.5	94.4	94.5	95.2	95.4	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	98.1	92.8	94.7	95.3	95.9	96.2	97.1	97.2	97.2	97.4	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	98.1	92.8	94.7	95.3	95.9	96.2	97.2	97.4	97.4	97.5	98.2	98.2	98.2	98.2	98.2	98.4
GE 300	98.1	92.8	94.7	95.3	95.9	96.2	97.4	97.5	97.5	97.8	99.1	99.1	99.1	99.1	99.1	99.3
GE 100	98.1	92.8	94.7	95.3	95.9	96.2	97.4	97.5	97.5	97.8	99.1	99.1	99.1	99.3	99.3	99.6
GE 0	98.1	92.8	94.7	95.3	95.9	96.2	97.4	97.5	97.5	97.8	99.1	99.1	99.3	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 631

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(EST): 1500-1700

CEILING								VISIBILITY IN STATUTE MILES									
IN FEET	1	3	5	6	4	3	2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 10000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 10000	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 10000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 10000	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 12000	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 10000	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 8000	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 8000	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 7000	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 6000	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 5000	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 4500	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 4000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 3500	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 3000	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 2500	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 1800	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1500	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 1200	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	90.7	90.7	90.7	90.7	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 900	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 100	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 102350 STATION NAME: SPARREVOOR AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(IST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 20000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 18000	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 16000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 14000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 12000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 10000	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 9000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 8000	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 7000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 6000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 5000	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 4500	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 4000	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 3500	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 3000	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 2500	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 2000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 1500	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1200	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 900	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 800	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 500	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 400	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 300	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 200	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 100	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR & WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(IST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 20000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 18000	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 16000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 14000	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 12000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 10000	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 9000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 8000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 7000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
GE 6000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 5000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 4000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 3000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2500	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 2000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 1500	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 1000	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 800	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 600	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 400	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 300	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 200	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 150	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 100	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 50	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 20	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 10	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702150 STATION NAME: SPARREVEGHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LEST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	24.3	24.7	24.7	24.7	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.1	25.1	25.3	25.3	25.3	25.3
GE 20000	26.9	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.6	27.6	27.6	27.7	27.7	27.8	27.8	27.8	27.8
GE 18000	28.4	28.8	28.8	28.8	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.2	29.2	29.3	29.3	29.3	29.3
GE 16000	28.5	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.3	29.3	29.4	29.4	29.4	29.4
GE 14000	28.6	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.6	29.6	29.6	29.6
GE 12000	29.6	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.4	30.4	30.5	30.5	30.5	30.5
GE 10000	29.8	30.2	30.2	30.2	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.6	30.6	30.8	30.8	30.8	30.8
GE 9000	31.3	31.7	31.7	31.7	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.1	32.1	32.3	32.3	32.3	32.3
GE 8000	35.1	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.8	35.8	35.8	35.9	35.9	36.0	36.0	36.0	36.0
GE 7000	44.6	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.6	45.6	45.6	45.8	45.8	46.0	46.0	46.0	46.0
GE 6000	46.5	47.3	47.3	47.3	47.4	47.4	47.4	47.4	47.6	47.6	47.6	47.8	47.8	48.0	48.0	48.0	48.0
GE 5000	49.9	50.0	50.1	50.1	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.7	50.7	50.8	50.8	50.8	50.8
GE 4500	50.4	51.5	51.6	51.6	51.7	51.7	51.7	51.7	51.9	51.9	51.9	52.2	52.2	52.3	52.3	52.3	52.3
GE 4000	53.8	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.5	55.5	55.6	55.6	55.6	55.6
GE 3500	56.5	57.7	57.8	57.8	58.1	58.1	58.1	58.1	58.2	58.3	58.3	58.6	58.6	58.7	58.7	58.7	58.7
GE 3000	59.9	61.3	61.4	61.4	61.6	61.7	61.7	61.7	61.8	62.0	62.0	62.2	62.2	62.4	62.4	62.4	62.4
GE 2500	60.5	62.1	62.2	62.4	62.5	62.5	62.5	62.5	62.6	62.8	62.8	63.0	63.0	63.2	63.2	63.2	63.2
GE 2000	62.0	63.8	64.0	64.1	64.2	64.2	64.2	64.2	64.4	64.5	64.5	64.8	64.8	64.9	64.9	64.9	64.9
GE 1800	62.4	64.2	64.5	64.7	64.8	64.8	64.8	64.8	64.9	65.1	65.1	65.3	65.3	65.5	65.5	65.5	65.5
GE 1600	64.5	67.1	67.7	67.9	68.0	68.0	68.0	68.0	68.1	68.3	68.3	68.5	68.5	68.7	68.7	68.7	68.7
GE 1400	66.4	70.2	71.1	71.5	72.0	72.0	72.0	72.0	72.2	72.3	72.3	72.6	72.6	72.7	72.7	72.7	72.7
GE 1000	68.3	72.8	74.1	74.2	75.3	75.3	75.3	75.5	75.7	75.7	75.7	75.9	75.9	76.1	76.1	76.1	76.1
GE 900	69.5	74.3	75.5	76.3	77.0	77.0	77.0	77.0	77.7	77.8	77.8	78.1	78.1	78.2	78.2	78.2	78.2
GE 800	70.4	75.3	76.5	77.3	78.2	78.4	78.4	78.4	79.2	79.3	79.3	79.6	79.6	79.7	79.7	79.7	79.7
GE 700	70.6	75.8	77.3	78.2	79.3	79.6	79.6	79.6	80.5	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0
GE 600	70.8	76.7	78.2	79.4	80.6	80.9	80.9	80.9	82.1	82.3	82.3	82.5	82.5	82.7	82.7	82.7	82.7
GE 500	71.2	78.4	80.4	81.5	83.1	83.5	83.9	85.1	85.2	85.2	85.2	85.5	85.5	85.6	85.6	85.6	85.6
GE 400	71.8	79.3	81.7	83.3	84.9	85.8	86.6	88.0	89.3	89.3	89.3	89.8	89.8	89.9	89.9	89.9	89.9
GE 300	72.2	79.7	82.5	84.1	86.3	87.2	88.3	90.5	90.7	91.3	91.3	92.7	92.9	93.5	93.5	94.0	94.2
GE 200	72.2	79.7	82.5	84.3	86.6	87.5	88.6	91.4	91.7	92.3	92.3	94.2	94.4	96.4	96.4	97.4	97.7
GE 100	72.2	79.7	82.5	84.3	86.6	87.5	88.6	91.4	91.7	92.3	92.3	94.2	94.4	96.4	96.8	98.0	98.8
GE 0	72.2	79.7	82.5	84.3	86.6	87.5	88.6	91.4	91.7	92.3	92.3	94.4	94.5	97.0	97.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(LST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.3	26.5	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 20000	29.8	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 18000	30.9	31.0	31.0	31.0	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 16000	31.3	31.5	31.5	31.5	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 14000	31.5	31.6	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 12000	31.9	32.0	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 10000	32.7	32.8	32.8	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 9000	33.1	33.2	33.2	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 8000	36.8	37.0	37.0	37.0	37.3	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 7000	44.9	45.2	45.2	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000	47.2	47.6	47.6	47.7	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 5000	50.1	50.7	50.9	51.3	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 4500	51.3	52.0	52.3	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 4000	55.0	55.6	55.9	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 3500	58.3	59.5	59.8	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 3000	61.7	63.3	63.6	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 2500	62.8	64.4	64.7	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 2000	64.9	66.5	66.8	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	65.7	67.5	67.7	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 1600	68.5	70.7	71.0	71.5	72.0	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1400	70.6	73.4	73.8	74.5	75.0	75.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 1000	71.5	75.0	76.1	76.7	77.3	77.6	77.8	78.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 900	72.0	76.1	77.2	77.3	78.5	78.8	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 800	72.7	77.0	78.2	79.3	80.0	80.4	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 700	73.0	77.7	79.3	80.1	81.0	81.5	82.1	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 600	73.4	78.6	80.4	81.2	82.1	82.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 500	73.9	80.1	82.5	83.7	84.9	85.5	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 400	74.1	81.0	83.6	84.9	86.7	87.4	88.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 300	74.1	81.0	83.6	84.9	86.8	87.5	89.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 200	74.1	81.0	83.6	84.9	87.0	87.8	89.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 100	74.1	81.0	83.6	84.9	87.0	87.8	89.5	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 0	74.1	81.0	83.6	84.9	87.7	87.8	89.5	91.4	91.4	91.4	92.7	94.8	94.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702357 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: JUL HOURS(UTC): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEIL	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 20000	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 18000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 16000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 14000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 12000	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 10000	28.6	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 9000	29.7	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 8000	35.6	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 7000	43.0	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 6000	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 5000	48.7	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 4500	49.9	50.5	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 4000	53.1	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	56.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 3000	61.6	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 2500	65.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 2000	68.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 1800	70.0	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1600	72.2	77.4	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1400	75.1	80.6	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1200	77.4	83.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	77.7	84.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 900	78.0	85.5	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 800	78.4	86.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 600	78.5	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 500	78.5	87.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 400	78.5	87.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 300	78.5	87.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 200	78.5	87.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 100	78.5	87.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 0	78.5	87.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(LST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.2	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 20000	27.1	27.3	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 18000	29.6	29.8	30.0	30.1	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 16000	30.3	30.5	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 14000	30.9	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 12000	31.8	32.0	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2
GE 10000	34.2	34.3	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 9000	35.0	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 8000	39.8	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 7000	47.7	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 6000	49.6	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 5000	53.6	54.0	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 4000	55.8	56.3	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 3500	60.7	61.3	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	65.9	66.7	67.0	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	70.6	71.5	71.9	72.0	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 2000	76.2	77.3	77.7	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 1800	80.9	82.1	82.5	82.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 1600	82.0	83.4	83.8	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1400	84.5	86.3	86.9	87.3	87.6	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	85.7	88.1	88.8	89.3	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1000	86.5	89.4	90.3	90.9	91.3	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	87.3	90.6	91.8	92.3	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	87.7	91.4	92.7	93.3	93.9	93.8	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	88.0	91.9	93.3	93.9	94.5	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 600	88.3	92.5	94.0	94.7	95.2	95.3	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	88.3	92.9	94.6	95.3	96.0	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	88.4	93.2	95.1	96.1	96.7	96.9	97.3	97.6	97.6	97.7	97.7	97.9	98.0	98.0	98.0	98.0
GE 300	88.4	93.2	95.2	96.2	96.9	97.1	97.6	97.9	97.9	98.2	98.2	98.5	98.7	98.7	98.7	98.7
GE 200	88.4	93.3	95.2	96.2	97.0	97.2	97.6	98.0	98.0	98.4	98.4	98.8	98.8	99.2	99.2	99.2
GE 100	88.4	93.3	95.2	96.2	97.0	97.2	97.6	98.0	98.0	98.4	98.4	98.8	98.8	99.3	99.3	99.3
GE 0	94.4	93.3	95.2	96.2	97.0	97.2	97.6	98.0	98.0	98.4	98.4	98.8	98.8	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 5745



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(EST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	23.9	24.1	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 20000	27.9	28.0	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 18000	30.8	31.0	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 16000	31.8	31.9	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 14000	33.1	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 12000	35.0	35.2	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 10000	38.0	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 9000	38.9	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 8000	43.4	43.6	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 7000	52.5	52.8	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 6000	55.0	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 5000	61.5	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 4500	64.3	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 4000	68.9	69.5	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	74.1	74.8	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 3000	78.7	79.7	80.3	80.4	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	82.5	83.8	84.5	84.5	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 2000	83.5	84.7	85.6	85.7	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1800	84.5	85.9	86.7	86.8	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1500	87.0	89.1	89.9	90.1	90.8	90.8	90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	88.1	90.9	91.7	92.2	92.9	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	88.4	91.7	92.9	93.3	94.0	94.0	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	88.7	92.3	93.4	93.8	94.7	94.7	94.8	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 800	88.8	92.6	93.8	94.3	95.1	95.1	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	88.8	92.6	93.8	94.3	95.1	95.1	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	89.2	93.1	94.4	94.9	95.7	95.7	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 500	89.4	93.4	95.1	95.5	96.5	96.5	96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	89.4	93.7	95.7	96.1	97.1	97.1	97.3	97.8	97.8	97.9	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	89.4	93.7	95.7	96.1	97.2	97.2	97.6	98.2	98.2	98.3	99.2	99.2	99.4	99.4	99.4	99.4
GE 200	89.4	93.7	95.7	96.1	97.2	97.2	97.8	98.3	98.3	98.5	99.4	99.4	99.7	99.7	99.7	99.7
GE 100	89.4	93.7	95.7	96.1	97.2	97.2	97.8	98.3	98.3	98.5	99.4	99.4	99.7	99.7	100.0	100.0
GE 0	89.4	93.7	95.7	96.1	97.2	97.2	97.8	98.3	98.3	98.5	99.4	99.4	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(IST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CELL	17.7	17.7	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	
GE 20000	23.3	23.3	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	
GE 18000	27.1	27.1	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	
GE 16000	28.6	28.6	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	
GE 14000	29.0	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	
GE 12000	30.7	30.7	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
GE 10000	33.6	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	
GE 9000	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	
GE 8000	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	
GE 7000	49.4	49.6	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	
GE 6000	51.5	51.8	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
GE 5000	54.9	55.4	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	
GE 4500	57.8	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
GE 4000	63.0	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
GE 3500	68.4	69.1	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 3000	74.3	75.5	76.4	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	
GE 2500	81.3	82.6	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	
GE 2000	86.1	87.8	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
GE 1800	87.1	88.7	89.7	89.9	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	
GE 1500	89.0	90.9	91.8	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	
GE 1200	90.4	93.0	94.0	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	
GE 1000	91.0	94.1	95.5	95.9	96.1	96.1	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	
GE 900	91.4	94.8	96.2	96.5	96.8	96.8	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	
GE 800	91.4	95.4	96.8	97.1	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
GE 700	91.6	95.8	97.5	97.9	98.2	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
GE 600	91.6	95.9	97.6	98.1	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	
GE 500	91.6	95.9	97.6	98.2	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 400	91.6	95.9	97.6	98.2	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
GE 300	91.6	95.9	97.6	98.5	99.2	99.3	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
GE 200	91.6	95.9	97.6	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 100	91.6	95.9	97.6	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
GE 0	91.6	95.9	97.6	98.5	99.3	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 711

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVEGHN AFS AK

PERIOD OF RECORD: 77-84

MONTH: JUN

HOURS(IST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE J
NO CEIL	15.5	15.6	15.8	15.9	15.9	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 20000	17.9	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 18000	21.1	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 16000	21.4	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 14000	21.8	21.9	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 12000	22.5	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 10000	25.1	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 9000	25.7	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 8000	29.2	29.6	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 7000	36.1	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 6000	38.2	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 5000	41.3	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 4500	43.1	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 4000	49.4	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 3500	55.7	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 3000	63.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 2500	75.7	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 2000	85.4	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1800	87.8	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1500	90.7	92.6	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	91.9	94.0	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	92.2	94.6	95.1	95.1	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	93.1	96.3	97.4	97.4	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	93.2	96.8	97.9	97.9	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	93.2	97.4	98.5	98.5	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	93.7	97.4	98.6	98.6	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.2	97.5	98.8	98.8	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: JUN HOURS(151): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	
GE 20000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	
GE 18000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	
GE 16000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	
GE 14000	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	
GE 12000	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	
GE 10000	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	
GE 9000	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
GE 8000	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	
GE 7000	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 6000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
GE 5000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
GE 4500	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	
GE 4000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
GE 3500	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
GE 3000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	
GE 2500	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	
GE 2000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	
GE 1800	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 1500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 1200	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 1000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	
GE 900	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	
GE 800	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	
GE 700	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	
GE 600	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 500	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 400	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 300	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 200	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 100	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	
GE 0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	33.3	34.4	34.4	34.3	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 20000	34.4	35.9	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	35.3
GE 18000	36.0	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 16000	36.0	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000	36.6	38.0	38.0	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	36.4
GE 12000	37.4	39.0	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 10000	38.3	39.9	39.9	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 9000	38.7	40.7	40.7	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 8000	42.2	44.4	44.4	44.3	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 7000	47.3	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 6000	49.9	52.4	52.4	53.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 5000	54.4	57.5	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4500	56.5	60.1	60.1	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	59.4	63.2	63.2	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 3500	63.8	69.4	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 3000	67.2	73.8	73.8	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2500	69.4	76.2	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2000	71.0	78.5	78.6	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1800	71.1	78.6	78.9	79.7	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 1500	74.9	81.3	81.9	84.7	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1200	75.4	84.5	85.3	86.3	86.7	86.8	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	75.9	86.4	87.6	88.7	89.4	89.5	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 900	76.2	87.1	88.6	89.7	90.3	90.5	90.9	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	76.9	87.9	89.4	90.7	91.5	91.7	92.1	92.5	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	77.0	88.2	89.7	91.3	92.5	92.6	93.7	94.1	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	77.3	88.2	89.7	91.3	92.5	92.6	93.7	94.2	94.2	94.2	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	77.0	88.2	89.7	91.3	92.6	92.7	94.1	94.6	94.6	95.2	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	77.0	88.2	89.7	91.3	92.7	93.0	94.5	95.0	95.0	95.6	97.3	97.3	97.3	97.4	97.4	97.4
GE 300	77.0	88.2	89.7	91.3	92.7	93.0	94.5	95.0	95.0	95.6	98.1	98.1	98.1	98.7	98.7	98.7
GE 200	77.0	88.2	89.7	91.3	92.7	93.0	94.5	95.0	95.0	95.6	98.3	98.3	98.3	98.6	98.6	98.6
GE 100	77.0	88.2	89.7	91.3	92.7	93.0	94.5	95.0	95.0	95.6	98.3	98.3	98.6	98.6	98.9	98.9
GE 0	77.0	88.2	89.7	91.3	92.7	93.0	94.5	95.0	95.0	95.6	98.3	98.3	98.6	98.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(IST): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	30.5	30.5	30.5	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	
GE 20000	33.2	33.5	33.5	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	
GE 18000	34.1	34.4	34.4	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	
GE 16000	34.3	34.5	34.5	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	
GE 14000	34.4	34.7	34.7	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	
GE 12000	35.7	35.6	35.6	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	
GE 10000	37.2	37.5	37.5	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	
GE 9000	37.4	37.6	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
GE 8000	41.1	41.4	41.4	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	
GE 7000	47.8	48.1	48.1	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	
GE 6000	49.3	49.6	50.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
GE 5000	52.2	52.8	53.2	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	
GE 4500	54.2	54.8	55.4	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	
GE 4000	59.1	60.1	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	
GE 3500	64.0	65.5	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	
GE 3000	66.1	68.7	69.4	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	
GE 2500	67.5	70.6	71.4	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	
GE 2000	68.4	72.0	73.1	73.9	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	
GE 1800	69.0	72.6	73.9	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	
GE 1500	71.5	76.1	77.6	78.9	79.0	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	
GE 1200	73.3	78.5	80.0	81.2	81.5	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	
GE 1000	74.1	80.4	82.1	83.3	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	
GE 900	74.2	80.8	82.5	83.7	84.5	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	
GE 800	75.0	81.7	83.5	84.7	86.2	86.4	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	
GE 700	75.5	82.7	84.4	85.5	87.5	87.8	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	
GE 600	75.5	82.9	84.6	86.0	88.2	88.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	
GE 500	75.7	83.3	85.5	86.7	89.4	89.7	90.7	90.9	90.9	91.3	91.4	91.4	91.7	91.7	91.7	91.7	
GE 400	75.8	83.5	85.8	87.0	89.7	90.1	91.4	91.7	91.7	92.1	92.1	92.1	92.1	92.1	92.1	92.1	
GE 300	75.8	83.7	86.0	87.2	89.9	90.3	91.7	92.1	92.1	92.7	92.7	92.7	92.7	92.7	92.7	92.7	
GE 200	75.8	83.7	86.0	87.2	90.1	90.5	91.8	92.2	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 100	75.8	83.7	86.0	87.2	90.1	90.5	91.8	92.2	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
GE 0	75.8	83.7	86.0	87.2	90.1	90.5	91.8	92.2	92.3	93.1	93.1	93.1	93.1	93.1	93.1	93.1	

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702359 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES																		
	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	3/8	1/8	0
NO CEIL	28.0	28.1	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 20000	31.2	31.3	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	33.2	33.3	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 16000	33.3	33.5	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 14000	33.9	34.0	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 12000	35.1	35.2	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 10000	36.8	37.0	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 9000	37.4	37.5	37.6	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 8000	42.5	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 7000	48.0	48.6	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 6000	49.9	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 5000	53.1	54.3	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 4500	55.0	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4000	58.6	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 3500	61.8	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3000	63.7	65.2	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.9	65.9	65.9	65.9	66.0	66.0	66.0
GE 2500	65.6	67.2	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	68.0	68.0	68.0
GE 2000	66.9	69.1	69.5	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.6	70.6	70.6
GE 1800	67.1	69.4	69.8	70.2	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.8	70.8	70.8
GE 1500	69.5	72.7	73.7	74.3	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	75.0	75.0	75.0	75.0	75.1	75.1	75.1
GE 1200	70.8	74.6	75.7	76.3	76.7	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.4
GE 1000	71.6	75.8	77.0	77.3	78.2	78.2	78.4	78.5	78.6	78.6	78.6	78.6	78.9	78.9	78.9	78.9	79.0	79.0	79.0
GE 900	71.1	77.3	78.5	79.4	79.8	79.8	80.0	80.2	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.8	80.8	80.8
GE 800	74.1	78.5	80.0	80.7	81.5	81.5	81.7	82.0	82.1	82.1	82.1	82.1	82.4	82.4	82.4	82.4	82.5	82.5	82.5
GE 700	79.7	79.6	81.0	82.1	82.8	82.8	83.1	83.5	83.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	84.0	84.0	84.0
GE 600	75.1	80.2	82.1	83.2	84.4	84.4	84.7	85.1	85.3	85.3	85.3	85.3	85.8	85.8	85.8	85.8	85.9	85.9	85.9
GE 500	75.5	81.3	83.2	84.3	85.9	85.9	86.3	87.0	87.2	87.2	87.2	87.2	87.9	87.9	87.9	87.9	88.0	88.0	88.0
GE 400	75.9	82.0	84.0	85.2	87.0	87.1	87.6	88.6	88.8	88.8	88.8	88.8	89.5	89.5	89.5	89.5	90.7	90.7	90.7
GE 300	76.1	82.3	84.3	85.5	87.4	87.5	88.4	89.7	89.9	89.9	89.9	89.9	91.0	91.0	91.0	91.0	91.8	91.8	91.8
GE 200	76.1	82.3	84.3	85.5	87.4	87.5	88.7	90.2	90.5	90.5	90.5	90.5	91.8	91.8	91.8	91.8	92.2	92.2	92.2
GE 100	76.1	82.3	84.3	85.5	87.4	87.5	88.7	90.2	90.5	90.5	90.5	90.5	91.8	91.8	91.8	91.8	92.2	92.2	92.2
GE 0	76.1	82.3	84.3	85.5	87.4	87.5	88.7	90.2	90.5	90.5	90.5	90.5	91.8	91.8	91.8	91.8	92.2	92.2	92.2

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	26.5	27.4	27.4	27.4	27.4	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 20000	28.2	29.2	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000	29.7	30.6	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 16000	30.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 14000	30.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 12000	31.7	32.7	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 10000	33.2	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 9000	33.9	34.8	34.8	34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 8000	38.4	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 7000	44.5	45.7	45.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 6000	47.3	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 5000	50.4	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 4500	52.6	54.3	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	54.7	56.7	57.0	57.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 3500	57.1	59.4	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 3000	59.1	60.5	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 2500	59.1	61.6	61.8	61.8	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2000	64.0	66.7	66.9	66.9	66.9	66.9	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 1800	65.3	68.0	68.3	68.3	68.3	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 1500	71.2	74.7	75.4	75.4	75.4	75.4	75.9	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1200	74.6	78.9	79.7	80.3	80.3	80.6	80.8	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	76.2	80.9	81.7	82.1	82.1	82.3	82.7	84.1	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 900	77.8	82.8	83.7	84.1	84.1	84.3	84.9	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 800	78.9	84.3	85.3	85.4	85.4	85.4	85.8	88.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	79.6	85.2	86.4	87.3	87.3	87.3	87.8	89.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 600	79.7	86.6	87.9	88.4	88.4	88.4	89.8	90.6	91.1	92.3	92.3	92.6	92.6	92.6	92.6	92.6
GE 500	79.8	86.8	88.4	89.1	89.1	89.1	90.6	91.4	92.2	93.7	93.7	94.0	94.0	94.0	94.0	94.0
GE 400	80.1	87.2	88.8	89.4	89.4	89.4	91.2	92.7	93.7	95.3	95.4	96.1	96.8	96.8	96.8	96.8
GE 300	80.1	87.4	89.0	90.1	90.1	90.1	92.3	93.3	94.5	96.1	96.5	97.2	98.4	98.4	98.8	98.8
GE 200	80.1	87.4	89.0	90.1	90.1	90.1	92.5	93.4	94.6	96.2	96.8	97.6	98.8	98.8	99.5	99.9
GE 100	80.1	87.4	89.0	90.1	90.1	90.1	92.5	93.4	94.6	96.2	96.8	97.6	98.8	98.8	99.5	99.9
GE 0	80.1	87.4	89.0	90.1	90.1	90.1	92.5	93.4	94.6	96.2	96.8	97.6	98.8	98.8	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 20000	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 18000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 16000	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 14000	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
GE 12000	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 10000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 9000	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 8000	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 7000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 6000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 5000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 4500	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 4000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 3500	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 3000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 2500	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 2000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 1800	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 1600	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1400	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1200	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 900	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 800	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 300	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 200	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRELVUHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS (LST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1 1/8	1 1/4	1 1/2	1 3/4	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13
	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
NO CEIL	25.7	25.7	25.7	25.7	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 2000	25.9	25.9	25.9	25.9	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 1800	26.5	26.5	26.5	26.5	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 1600	27.3	27.3	27.3	27.3	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 1400	27.6	27.6	27.6	27.6	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 1200	28.2	28.2	28.2	28.2	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 1000	28.8	28.8	28.8	28.8	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 900	29.6	29.6	29.6	29.6	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 800	32.0	32.0	32.0	32.1	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 700	37.4	37.5	37.5	37.5	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 600	39.8	40.1	40.1	40.1	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 500	44.8	45.0	45.0	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 450	46.5	46.6	46.6	46.6	47.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 400	49.1	49.1	49.1	49.1	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 350	54.4	55.1	55.1	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 300	59.5	60.2	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 250	66.1	67.7	67.7	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 200	76.3	78.6	78.6	79.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 180	78.9	81.7	81.9	82.4	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 150	81.9	87.1	87.4	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 120	86.2	89.9	90.2	91.4	91.8	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 100	86.4	90.6	91.0	92.5	92.9	93.1	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 90	86.7	91.0	91.5	93.3	93.8	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 80	86.8	91.4	91.9	93.7	94.2	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 70	87.1	91.9	92.5	94.4	95.2	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 60	87.4	92.3	93.0	94.7	95.8	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 50	87.4	92.5	93.3	95.2	96.2	96.8	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 40	87.4	92.5	93.4	95.4	96.5	97.0	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 30	87.4	92.5	93.4	95.5	96.9	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 20	87.4	92.5	93.4	95.5	96.9	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 10	87.4	92.5	93.4	95.5	96.9	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	87.4	92.5	93.4	95.5	96.9	97.4	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR & ATHER SERVICE/AMC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(UTC): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0
NO CEILING	27.4	27.4	27.4	27.7	27.8	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 20000	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 18000	32.1	32.1	32.1	32.4	32.5	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 16000	32.9	32.9	32.9	33.2	33.3	33.5	33.5	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6
GE 14000	33.2	33.2	33.2	33.5	33.6	33.7	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 12000	34.3	34.3	34.3	34.5	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 10000	35.9	35.9	35.9	36.2	36.3	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 9000	36.4	36.4	36.4	36.7	36.8	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 8000	40.7	40.9	40.9	41.1	41.3	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 7000	45.4	45.6	45.6	45.8	46.0	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 6000	47.7	48.7	48.7	48.8	49.1	49.2	49.3	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 5000	51.3	52.7	52.7	53.1	53.1	53.2	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 4500	53.4	55.1	55.1	55.4	55.5	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 4000	56.3	58.5	58.5	58.7	58.9	59.0	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500	61.6	63.7	63.8	64.1	64.2	64.4	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 3000	66.0	68.5	68.7	69.1	69.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 2500	70.6	73.1	73.3	73.3	73.9	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	76.9	79.8	80.0	80.3	80.8	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1800	78.0	80.9	81.0	81.7	81.9	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1600	81.3	86.7	87.0	87.3	88.2	88.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1400	85.3	90.1	90.6	91.5	91.9	92.1	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	89.5	90.3	91.1	92.1	92.5	92.6	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	89.5	90.9	91.9	92.7	93.5	93.7	94.2	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	86.0	91.0	92.1	93.1	93.7	93.8	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	86.2	91.3	92.5	93.5	94.4	94.5	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	86.7	91.5	92.9	94.1	94.9	95.0	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	86.3	91.8	93.1	94.4	95.3	95.6	96.2	96.8	96.8	96.8	97.0	97.0	97.2	97.2	97.2	97.2	97.2
GE 400	86.3	91.8	93.3	94.5	95.7	96.0	96.8	97.3	97.3	97.3	97.6	97.6	98.1	98.1	98.1	98.1	98.1
GE 300	86.3	91.8	93.7	94.5	95.8	96.1	97.0	97.6	97.6	97.6	98.0	98.0	98.8	98.8	98.8	98.8	98.8
GE 200	86.3	91.8	93.7	94.5	95.8	96.1	97.0	97.6	97.6	97.6	98.0	98.0	98.8	98.8	98.8	98.8	98.8
GE 100	86.3	91.8	93.7	94.5	95.8	96.1	97.0	97.6	97.6	97.6	98.0	98.0	98.8	98.8	98.8	98.8	98.8
GE	86.3	91.8	93.3	94.7	95.4	96.1	97.0	97.6	97.6	97.6	98.0	98.0	98.8	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(EST): 2100-2500

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0		
NO CEIL	30.6	30.9	30.9	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3		
GE 20000	32.9	33.2	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6		
GE 18000	35.6	35.9	35.9	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3		
GE 16000	36.3	36.6	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0		
GE 14000	36.7	37.0	37.0	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4		
GE 12000	37.9	38.2	38.2	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6		
GE 10000	38.8	39.1	39.1	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5		
GE 9000	39.2	40.2	40.5	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9		
GE 8000	44.0	44.4	44.6	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0		
GE 7000	49.5	49.9	50.1	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5		
GE 6000	51.7	52.3	52.6	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2		
GE 5000	55.8	56.6	56.9	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5		
GE 4500	58.9	60.1	60.3	60.7	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0		
GE 4000	62.7	63.8	64.1	64.7	64.9	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8		
GE 3500	66.4	68.7	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8		
GE 3000	69.4	73.1	73.5	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2		
GE 2500	75.0	76.5	77.2	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0		
GE 2000	76.2	80.1	80.8	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6		
GE 1800	76.9	80.9	81.6	82.1	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4		
GE 1600	80.6	84.9	85.8	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6		
GE 1400	81.5	86.3	87.2	87.7	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4		
GE 1000	82.8	88.4	89.7	90.5	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0		
GE 900	84.0	89.7	91.0	92.1	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7		
GE 800	84.4	90.1	91.4	92.7	93.3	93.3	93.5	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7		
GE 700	84.5	90.2	91.7	93.1	93.8	93.8	94.2	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5		
GE 600	84.8	90.7	92.2	93.7	94.6	94.6	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4		
GE 500	84.8	91.0	92.5	94.3	94.9	95.0	95.5	95.6	95.7	96.2	96.5	96.5	96.6	96.6	96.6	96.6		
GE 400	84.8	91.0	92.5	94.3	94.9	95.0	95.8	95.8	96.1	96.6	97.4	97.4	97.6	97.6	97.6	97.6		
GE 300	84.8	91.0	92.5	94.3	94.9	95.0	95.8	95.8	96.1	96.6	97.7	97.7	98.0	98.0	98.0	98.0		
GE 200	84.8	91.0	92.5	94.3	94.9	95.0	95.8	95.8	96.1	96.6	97.8	98.0	99.1	99.1	99.1	99.1		
GE 100	84.8	91.0	92.5	94.3	94.9	95.0	95.8	95.8	96.1	96.6	97.8	98.0	99.3	99.3	99.3	99.3		
GE 0	84.8	91.0	92.5	94.3	94.9	95.0	95.8	95.8	96.1	96.6	97.8	98.0	99.3	99.3	99.3	100.0		

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: AUG HOURS(LIST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 1 1/8	GE 1 1/4	GE 1 1/2	GE 1 3/4	GE 2	GE 2 1/2	GE 3	GE 4	GE 5	GE 6	GE 7	GE 8	GE 9	GE 10	GE 11
NO CEIL	28.0	28.3	28.3	28.5	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 20000	30.7	30.7	30.7	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 18000	31.7	32.1	32.1	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 16000	32.2	32.6	32.6	32.8	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 14000	32.8	32.8	32.8	33.0	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 12000	33.5	33.9	33.9	34.1	34.1	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 10000	34.7	35.1	35.1	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 9000	35.3	35.7	35.8	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 8000	39.0	39.7	39.7	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 7000	44.6	45.2	45.3	45.5	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000	46.9	47.7	47.8	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 5000	50.6	51.8	51.9	52.1	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 4500	52.6	53.9	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	55.8	57.1	57.3	57.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 3500	59.6	61.7	61.9	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3000	62.9	65.4	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 2500	66.5	69.3	69.6	70.0	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 2000	71.3	74.7	75.0	75.5	75.7	75.7	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	72.6	76.1	76.5	77.0	77.2	77.3	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 1600	76.2	81.0	81.6	82.3	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1400	78.8	83.8	84.6	85.4	85.8	86.0	86.2	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4
GE 1200	79.6	85.1	86.2	87.2	87.8	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	80.6	86.2	87.3	88.4	89.0	89.3	89.6	89.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9
GE 900	80.9	86.9	88.1	89.3	90.1	90.4	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 800	81.3	87.6	88.8	90.1	91.1	91.4	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	81.5	88.0	89.4	90.7	91.9	92.2	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	81.6	88.3	89.8	91.2	92.6	92.9	93.7	94.2	94.2	94.2	94.5	94.7	94.7	94.7	94.7	94.7
GE 500	81.7	88.5	90.1	91.5	93.0	93.4	94.4	95.0	95.1	95.1	95.5	96.1	96.1	96.5	96.5	96.5
GE 400	81.7	88.6	90.2	91.5	93.2	93.6	94.7	95.4	95.5	95.5	96.1	97.3	97.3	97.8	97.9	98.0
GE 300	81.7	88.6	90.2	91.5	93.3	93.7	94.8	95.5	95.7	96.3	97.7	97.7	97.7	98.6	98.6	98.9
GE 200	81.7	88.6	90.2	91.5	93.3	93.7	94.8	95.5	95.7	96.3	97.7	97.7	97.7	98.6	98.6	98.9
GE 100	81.7	88.6	90.2	91.5	93.3	93.7	94.8	95.5	95.7	96.3	97.7	97.7	97.7	98.6	98.6	98.9
GE 0	81.7	88.6	90.2	91.5	93.3	93.7	94.8	95.5	95.7	96.3	97.7	97.7	97.7	98.6	98.6	98.9

TOTAL NUMBER OF OBSERVATIONS: 5952

GLOBAL CLIMATOLOGY BRANCH  
USAF/ITAF  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702550 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(IST): 0000-0200

CEILING				VISIBILITY IN STATUTE MILES																		
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 5/8	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0						
NO CEIL	37.8	35.6	36.0	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1						
GE 20000	36.4	36.5	36.9	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1						
GE 18000	36.6	36.7	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2						
GE 16000	36.7	36.8	37.2	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4						
GE 14000	36.9	36.9	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5						
GE 12000	36.0	36.1	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6						
GE 10000	37.2	39.3	39.7	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9						
GE 9000	38.5	40.6	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1						
GE 8000	40.2	46.8	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4						
GE 7000	40.2	51.4	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9						
GE 6000	40.2	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9						
GE 5000	51.4	55.7	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3						
GE 4000	53.1	58.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9						
GE 3000	54.0	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4						
GE 2000	57.4	65.1	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7						
GE 1000	60.7	68.6	69.0	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3						
GE 0000	63.6	72.5	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2						
GE 20000	65.6	74.6	75.3	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7						
GE 18000	66.5	76.5	77.4	77.5	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9						
GE 16000	68.5	80.0	81.0	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7						
GE 14000	70.7	83.5	84.9	85.1	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8						
GE 12000	71.7	85.7	87.5	87.9	88.6	88.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2						
GE 10000	73.1	86.7	88.6	89.2	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6						
GE 9000	73.2	87.8	89.9	90.3	91.2	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9						
GE 8000	73.2	88.8	90.8	91.3	92.6	92.8	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6						
GE 7000	73.2	88.8	90.8	91.3	92.8	92.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9						
GE 6000	73.2	89.0	91.1	91.4	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6						
GE 5000	73.2	89.4	91.5	92.5	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0						
GE 4000	73.2	89.4	91.7	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4						
GE 3000	73.2	89.4	91.7	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4						
GE 2000	73.2	89.4	91.7	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4						
GE 1000	73.2	89.4	91.7	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4						
GE 0000	73.2	89.4	91.7	92.4	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4						

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATELOGY BRANCH  
UNAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARRVVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(UT): 0300-0500

CEILING		VISIBILITY IN STATUTE MILES																	
FEET	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4	0			
NO CEILING	22.7	31.9	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8			
GE 200001	30.8	32.9	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3			
GE 180001	31.5	33.6	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0			
GE 160001	32.1	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6			
GE 140001	32.1	34.2	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6			
GE 120001	33.2	35.3	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7			
GE 100001	35.1	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6			
GE 080001	36.9	38.1	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5			
GE 060001	43.3	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4			
GE 040001	46.7	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0			
GE 020001	47.9	51.1	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5			
GE 000001	47.9	53.3	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9			
GE 070001	51.9	56.5	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9			
GE 050001	56.3	59.3	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7			
GE 030001	57.9	64.4	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0			
GE 010001	61.7	68.6	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2			
GE 250001	63.1	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9			
GE 230001	65.1	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3			
GE 210001	66.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5			
GE 190001	67.4	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6			
GE 170001	67.4	81.7	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5			
GE 150001	69.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4			
GE 130001	71.9	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0			
GE 110001	71.9	85.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3			
GE 090001	71.9	85.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7			
GE 070001	71.9	85.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9			
GE 050001	71.9	85.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2			
GE 030001	71.5	86.0	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6			
GE 010001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 240001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 220001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 200001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 180001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 160001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 140001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 120001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 100001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 080001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 060001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 040001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 020001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			
GE 000001	71.5	86.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9			

TOTAL NUMBER OF OBSERVATIONS: 720

JOINT CLIMATOLOGY BRANCH  
UNAFETAC  
AIR - OTHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS (LST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	24.6	25.0	25.0	25.3	25.0	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 20000	26.8	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 18000	27.9	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 16000	28.5	29.0	29.0	29.3	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 14000	29.3	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 12000	30.1	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 10000	33.2	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 9000	34.2	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 8000	34.8	35.3	35.3	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 7000	35.9	36.5	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 6000	45.0	45.6	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 5000	48.3	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4000	49.4	50.1	50.1	50.1	50.1	50.1	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 3000	53.4	55.3	55.6	55.6	55.6	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 2000	63.8	66.5	67.4	67.5	67.6	67.6	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 1800	66.4	69.3	70.1	70.4	70.6	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 1600	66.7	69.7	70.7	71.3	71.1	71.3	71.5	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9
GE 1400	68.1	72.2	73.2	73.5	73.8	74.2	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9
GE 1200	69.2	73.8	74.9	75.3	75.6	76.1	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 1000	73.7	76.1	77.6	78.3	78.6	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 900	73.3	76.9	78.6	79.4	80.0	80.8	81.4	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
GE 800	73.4	78.1	80.0	80.3	81.4	82.2	83.1	83.3	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0
GE 700	73.1	78.8	81.0	81.9	82.6	83.5	84.6	84.9	85.3	85.3	85.4	85.6	85.6	85.6	85.7	85.7
GE 600	72.2	79.2	81.4	82.5	83.6	84.4	85.7	86.0	86.4	86.5	86.9	87.1	87.1	87.1	87.2	87.2
GE 500	73.1	80.1	82.5	83.8	85.0	85.6	87.5	88.3	88.9	89.2	89.9	90.0	90.3	90.4	90.7	90.8
GE 400	73.3	80.6	82.9	84.3	86.0	86.9	88.9	90.3	91.0	91.4	92.9	93.1	93.8	94.2	94.6	94.7
GE 300	73.3	80.6	82.9	84.3	86.0	86.9	89.0	90.8	91.5	92.4	94.2	94.3	95.4	96.0	96.7	96.8
GE 200	73.3	80.6	82.9	84.3	86.0	86.9	89.2	91.1	91.8	93.2	95.1	95.3	96.8	97.5	98.5	98.6
GE 100	73.3	80.6	82.9	84.3	86.0	86.9	89.2	91.1	91.8	93.2	95.1	95.3	96.9	97.6	98.6	98.9
GE 0	73.3	80.6	82.9	84.3	86.0	86.9	89.2	91.1	91.8	93.2	95.1	95.3	96.9	97.6	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702101 STATION NAME: SPARREVELHN AFS AM

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(EST): 0900-1100

CEILING FEET	VISIBILITY IN STATUTE MILES															
	1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4
NO CEIL	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
0-2000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7
0-1800	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
0-1600	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
0-1400	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
0-1200	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
0-1000	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
0-900	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
0-800	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
0-700	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
0-600	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
0-500	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
0-400	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
0-300	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
0-200	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
0-100	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
0-0	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
0-0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
0-0	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
0-0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
0-0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
0-0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
0-0	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
0-0	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
0-0	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
0-0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
0-0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0-0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
0-0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0-0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

REGULAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/2MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 20250 STATION NAME: SPAREVONN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(EST): 1700-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16
NO CELL	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 200	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 180	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 160	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 140	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 120	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 100	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 80	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 60	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 40	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
GE 20	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 10	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 5	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 3	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 1	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 1/2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 1/4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1/8	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 1/16	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1/32	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1/64	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1/128	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1/256	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1/512	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1/1024	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1/2048	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1/4096	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1/8192	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1/16384	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1/32768	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1/65536	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1/131072	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1/262144	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1/524288	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1/1048576	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1/2097152	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1/4194304	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1/8388608	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1/16777216	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1/33554432	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1/67108864	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1/134217728	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1/268435456	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1/536870912	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 72

NATIONAL CLIMATOLOGY BRANCH  
 WASHINGTON, D.C.  
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 710250 STATION NAME: SPARREVOHN AFB AR

PERIOD OF RECORD: 77-89  
 MONTH: NOV HOURS/CLSD: 2000-2100

CEILING	VISIBILITY IN STATUTE MILES																
	1/8	1/4	1/2	3/4	1	1 1/2	2	3	4	5	6	7	8	9	10	11	12
NO CEILING	29.7	35.9	36.9	36.3	37.1	37.5	37.7	38.8	39.1	39.1	39.5	39.6	39.8	39.9	39.9	39.9	39.9
00-000	39.7	36.7	37.7	38.1	39.4	39.8	39.9	40.1	40.3	40.3	40.8	40.9	41.0	41.2	41.2	41.2	41.2
00-000	39.7	39.9	39.9	40.3	40.6	41.0	41.2	42.3	42.6	42.6	43.0	43.1	43.3	43.4	43.4	43.4	43.4
00-000	39.1	39.8	40.8	41.2	41.5	41.9	42.0	43.1	43.4	43.4	43.8	44.0	44.1	44.3	44.3	44.3	44.3
00-000	39.5	40.2	41.2	41.5	41.9	42.3	42.4	43.6	43.8	43.8	44.3	44.4	44.5	44.7	44.7	44.7	44.7
00-000	39.0	40.8	41.7	42.2	42.4	42.9	43.0	44.1	44.4	44.4	44.8	45.0	45.1	45.2	45.2	45.2	45.2
00-000	39.3	41.3	42.3	42.7	43.0	43.4	43.6	44.7	45.0	45.0	45.4	45.5	45.7	45.8	45.8	45.8	45.8
00-000	39.3	42.3	43.3	43.6	44.1	44.3	44.7	45.9	46.2	46.2	46.6	46.8	46.9	47.1	47.1	47.1	47.1
00-000	39.8	44.3	45.3	45.7	50.1	50.6	50.7	51.8	52.1	52.1	52.5	52.7	52.8	52.9	52.9	52.9	52.9
00-000	40.1	44.1	45.1	45.7	46.0	46.4	46.6	47.7	48.0	48.0	48.4	48.5	48.7	48.8	48.8	48.8	48.8
00-000	40.2	46.6	47.6	48.3	49.1	49.5	49.7	50.8	51.1	51.1	51.5	51.6	51.8	51.9	51.9	51.9	51.9
00-000	40.2	48.8	49.8	50.5	51.8	52.2	52.3	53.4	53.7	53.7	54.1	54.3	54.4	54.6	54.6	54.6	54.6
00-000	40.1	49.1	50.1	50.7	51.3	51.7	51.9	52.9	53.2	53.2	53.6	53.8	53.9	54.1	54.1	54.1	54.1
00-000	40.7	50.1	51.1	51.7	52.1	52.5	52.7	53.8	54.1	54.1	54.5	54.6	54.8	54.9	54.9	54.9	54.9
00-000	40.7	52.7	53.7	54.3	54.7	55.1	55.3	56.4	56.7	56.7	57.1	57.3	57.4	57.5	57.5	57.5	57.5
00-000	40.7	54.7	55.7	56.3	56.7	57.1	57.3	58.4	58.7	58.7	59.1	59.3	59.4	59.5	59.5	59.5	59.5
00-000	40.7	56.7	57.7	58.3	58.7	59.1	59.3	60.4	60.7	60.7	61.1	61.3	61.4	61.5	61.5	61.5	61.5
00-000	40.7	58.7	59.7	60.3	60.7	61.1	61.3	62.4	62.7	62.7	63.1	63.3	63.4	63.5	63.5	63.5	63.5
00-000	40.7	60.7	61.7	62.3	62.7	63.1	63.3	64.4	64.7	64.7	65.1	65.3	65.4	65.5	65.5	65.5	65.5
00-000	40.7	62.7	63.7	64.3	64.7	65.1	65.3	66.4	66.7	66.7	67.1	67.3	67.4	67.5	67.5	67.5	67.5
00-000	40.7	64.7	65.7	66.3	66.7	67.1	67.3	68.4	68.7	68.7	69.1	69.3	69.4	69.5	69.5	69.5	69.5
00-000	40.7	66.7	67.7	68.3	68.7	69.1	69.3	70.4	70.7	70.7	71.1	71.3	71.4	71.5	71.5	71.5	71.5
00-000	40.7	68.7	69.7	70.3	70.7	71.1	71.3	72.4	72.7	72.7	73.1	73.3	73.4	73.5	73.5	73.5	73.5
00-000	40.7	70.7	71.7	72.3	72.7	73.1	73.3	74.4	74.7	74.7	75.1	75.3	75.4	75.5	75.5	75.5	75.5
00-000	40.7	72.7	73.7	74.3	74.7	75.1	75.3	76.4	76.7	76.7	77.1	77.3	77.4	77.5	77.5	77.5	77.5
00-000	40.7	74.7	75.7	76.3	76.7	77.1	77.3	78.4	78.7	78.7	79.1	79.3	79.4	79.5	79.5	79.5	79.5
00-000	40.7	76.7	77.7	78.3	78.7	79.1	79.3	80.4	80.7	80.7	81.1	81.3	81.4	81.5	81.5	81.5	81.5
00-000	40.7	78.7	79.7	80.3	80.7	81.1	81.3	82.4	82.7	82.7	83.1	83.3	83.4	83.5	83.5	83.5	83.5
00-000	40.7	80.7	81.7	82.3	82.7	83.1	83.3	84.4	84.7	84.7	85.1	85.3	85.4	85.5	85.5	85.5	85.5
00-000	40.7	82.7	83.7	84.3	84.7	85.1	85.3	86.4	86.7	86.7	87.1	87.3	87.4	87.5	87.5	87.5	87.5
00-000	40.7	84.7	85.7	86.3	86.7	87.1	87.3	88.4	88.7	88.7	89.1	89.3	89.4	89.5	89.5	89.5	89.5
00-000	40.7	86.7	87.7	88.3	88.7	89.1	89.3	90.4	90.7	90.7	91.1	91.3	91.4	91.5	91.5	91.5	91.5
00-000	40.7	88.7	89.7	90.3	90.7	91.1	91.3	92.4	92.7	92.7	93.1	93.3	93.4	93.5	93.5	93.5	93.5
00-000	40.7	90.7	91.7	92.3	92.7	93.1	93.3	94.4	94.7	94.7	95.1	95.3	95.4	95.5	95.5	95.5	95.5
00-000	40.7	92.7	93.7	94.3	94.7	95.1	95.3	96.4	96.7	96.7	97.1	97.3	97.4	97.5	97.5	97.5	97.5
00-000	40.7	94.7	95.7	96.3	96.7	97.1	97.3	98.4	98.7	98.7	99.1	99.3	99.4	99.5	99.5	99.5	99.5
00-000	40.7	96.7	97.7	98.3	98.7	99.1	99.3	100.4	100.7	100.7	101.1	101.3	101.4	101.5	101.5	101.5	101.5
00-000	40.7	98.7	99.7	100.3	100.7	101.1	101.3	102.4	102.7	102.7	103.1	103.3	103.4	103.5	103.5	103.5	103.5
00-000	40.7	100.7	101.7	102.3	102.7	103.1	103.3	104.4	104.7	104.7	105.1	105.3	105.4	105.5	105.5	105.5	105.5

TOTAL NUMBER OF OBSERVATIONS: 719

PERCENTAGE FREQUENCY OF OCCURRENCE OF FILLING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(DST): ALL

LATITUDE	VISIBILITY IN STATUTE MILES																	
	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE	SE
	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6	1.7	1.8
60° 14' 11" N	276.7	276.8	276.9	277.0	277.1	277.2	277.3	277.4	277.5	277.6	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4
60° 14' 00" N	276.9	277.0	277.1	277.2	277.3	277.4	277.5	277.6	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6
60° 13' 50" N	277.1	277.2	277.3	277.4	277.5	277.6	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8
60° 13' 40" N	277.3	277.4	277.5	277.6	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0
60° 13' 30" N	277.5	277.6	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2
60° 13' 20" N	277.7	277.8	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4
60° 13' 10" N	277.9	278.0	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6
60° 13' 00" N	278.1	278.2	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8
60° 12' 50" N	278.3	278.4	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0
60° 12' 40" N	278.5	278.6	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2
60° 12' 30" N	278.7	278.8	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4
60° 12' 20" N	278.9	279.0	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6
60° 12' 10" N	279.1	279.2	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8
60° 12' 00" N	279.3	279.4	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0
60° 11' 50" N	279.5	279.6	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2
60° 11' 40" N	279.7	279.8	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4
60° 11' 30" N	279.9	280.0	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6
60° 11' 20" N	280.1	280.2	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8
60° 11' 10" N	280.3	280.4	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0
60° 11' 00" N	280.5	280.6	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2
60° 10' 50" N	280.7	280.8	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4
60° 10' 40" N	280.9	281.0	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6
60° 10' 30" N	281.1	281.2	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8
60° 10' 20" N	281.3	281.4	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0
60° 10' 10" N	281.5	281.6	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2
60° 10' 00" N	281.7	281.8	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4
60° 09' 50" N	281.9	282.0	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6
60° 09' 40" N	282.1	282.2	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8
60° 09' 30" N	282.3	282.4	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0
60° 09' 20" N	282.5	282.6	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2
60° 09' 10" N	282.7	282.8	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4
60° 09' 00" N	282.9	283.0	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6
60° 08' 50" N	283.1	283.2	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8
60° 08' 40" N	283.3	283.4	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0
60° 08' 30" N	283.5	283.6	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2
60° 08' 20" N	283.7	283.8	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4
60° 08' 10" N	283.9	284.0	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6
60° 08' 00" N	284.1	284.2	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8
60° 07' 50" N	284.3	284.4	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0
60° 07' 40" N	284.5	284.6	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2
60° 07' 30" N	284.7	284.8	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4
60° 07' 20" N	284.9	285.0	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6
60° 07' 10" N	285.1	285.2	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8
60° 07' 00" N	285.3	285.4	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0
60° 06' 50" N	285.5	285.6	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2
60° 06' 40" N	285.7	285.8	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4
60° 06' 30" N	285.9	286.0	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6
60° 06' 20" N	286.1	286.2	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8
60° 06' 10" N	286.3	286.4	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0
60° 06' 00" N	286.5	286.6	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2
60° 05' 50" N	286.7	286.8	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4
60° 05' 40" N	286.9	287.0	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6
60° 05' 30" N	287.1	287.2	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8
60° 05' 20" N	287.3	287.4	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0
60° 05' 10" N	287.5	287.6	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2
60° 05' 00" N	287.7	287.8	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2	289.3	289.4
60° 04' 50" N	287.9	288.0	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2	289.3	289.4	289.5	289.6
60° 04' 40" N	288.1	288.2	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2	289.3	289.4	289.5	289.6	289.7	289.8
60° 04' 30" N	288.3	288.4	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2	289.3	289.4	289.5	289.6	289.7	289.8	289.9	290.0
60° 04' 20" N	288.5	288.6	288.7	288.8	288.9	289.0	289.1	289.2	289.3	289.4	289.5	289.6	289.7	289.8	289.9	290.0	290.1	290.2
60° 04' 10" N	288.7	2																

TOTAL NUMBER OF CUSTOMERS: 5052

GLOBAL CLIMATE DATA BRANCH  
 DATA TAG  
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 77000 STATION NAME: SHARPOWN AFB AK

PERIOD OF RECORD: 77-84  
 MONTH: OCT HOURS(UTC): 2100-2300

CEILING	VISIBILITY IN STATUTE MILES									
	GE 1	GE 1 1/2	GE 2	GE 2 1/2	GE 3	GE 3 1/2	GE 4	GE 4 1/2	GE 5	GE 5 1/2
FEET	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2
NO DATA	74.9	31.3	31.6	32.4	33.3	33.3	33.3	33.6	33.7	34.0
01 2100Z	29.7	32.1	32.4	33.2	34.1	34.1	34.1	34.4	34.5	34.8
01 2200Z	29.7	33.2	33.5	34.3	35.2	35.2	35.2	35.5	35.6	35.9
01 2300Z	30.0	33.5	33.7	34.5	35.5	35.5	35.5	35.8	35.9	36.2
01 0000Z	30.1	33.7	34.0	34.5	35.4	35.6	35.8	36.0	36.2	36.4
01 0100Z	31.0	35.1	35.3	36.2	37.1	37.1	37.4	37.6	37.8	38.0
01 0200Z	32.1	36.3	36.6	37.4	38.3	38.3	38.6	38.8	39.0	39.2
01 0300Z	32.4	37.0	37.2	38.3	39.0	39.0	39.2	39.5	39.7	39.9
01 0400Z	32.2	41.7	41.9	43.1	44.2	44.4	44.6	44.9	45.0	45.3
01 0500Z	31.3	46.1	46.4	47.4	48.4	48.9	49.2	49.5	49.6	49.9
01 0600Z	30.1	44.5	44.8	45.9	47.2	47.3	47.6	47.9	48.0	48.3
01 0700Z	30.4	50.3	50.4	51.9	53.4	53.5	53.8	54.0	54.2	54.4
01 0800Z	30.4	52.0	52.2	53.4	55.2	55.4	55.6	55.9	56.0	56.3
01 0900Z	30.4	54.7	54.8	56.3	58.1	58.2	58.5	58.7	58.9	59.1
01 1000Z	30.4	56.9	57.5	58.9	60.6	60.8	61.0	61.3	61.4	61.7
01 1100Z	30.2	58.6	59.4	61.2	62.9	63.3	63.6	63.9	64.2	64.4
01 1200Z	30.1	60.5	62.0	63.4	65.7	66.1	66.5	66.8	67.2	67.3
01 1300Z	30.4	62.4	64.1	66.7	68.7	69.2	69.6	70.3	70.4	70.8
01 1400Z	31.1	62.9	64.9	67.5	69.6	70.3	70.7	71.5	71.6	71.9
01 1500Z	31.7	65.3	68.1	71.1	73.4	74.6	75.1	76.1	76.2	76.6
01 1600Z	33.0	68.1	71.6	76.5	79.4	80.4	81.0	82.4	82.9	83.5
01 1700Z	33.0	68.4	72.4	77.4	81.2	81.8	84.0	85.1	85.3	86.0
01 1800Z	33.4	69.6	73.7	78.5	82.9	84.0	85.7	86.7	87.0	87.6
01 1900Z	33.4	69.8	74.1	79.4	83.7	85.1	86.7	88.6	89.4	90.1
01 2000Z	33.4	69.8	74.2	79.5	84.1	85.5	87.1	89.0	89.2	91.0
01 2100Z	33.4	69.8	74.2	79.5	84.0	85.5	87.4	89.4	90.1	92.1
01 2200Z	33.4	69.4	74.2	79.5	84.3	85.8	87.6	90.2	90.5	92.7
01 2300Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0000Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0100Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0200Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0300Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0400Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0500Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0600Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0700Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0800Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 0900Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1000Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1100Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1200Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1300Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1400Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1500Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1600Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1700Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1800Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 1900Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 2000Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 2100Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 2200Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0
01 2300Z	33.4	69.4	74.3	79.7	84.5	86.0	87.9	90.5	90.7	93.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS (LST): 1800-2000

CEILING		VISIBILITY IN STATUTE MILES															
IN	FEET	1	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		1	10	6	5	4	3	2	1 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16
NO CEIL	1	25.3	26.6	27.4	27.7	28.0	28.0	28.0	28.4	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	1	26.1	27.4	28.2	28.5	28.8	28.8	28.8	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000	1	27.0	28.5	29.6	29.9	30.1	30.1	30.1	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 16000	1	27.8	29.3	30.4	30.5	30.9	30.9	30.9	31.3	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 14000	1	29.0	30.6	31.7	32.1	32.3	32.3	32.3	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 12000	1	30.0	31.6	32.7	32.9	33.2	33.2	33.2	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 10000	1	30.6	32.3	33.3	33.5	33.9	33.9	33.9	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 9000	1	31.5	33.1	34.1	34.4	34.7	34.7	34.7	35.1	35.1	35.2	35.2	35.2	35.2	35.2	35.2	35.2
GE 8000	1	34.5	36.3	37.5	38.2	38.6	38.6	38.7	39.1	39.1	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 7000	1	40.1	42.3	43.5	44.2	44.8	44.8	44.9	45.3	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 6000	1	41.3	43.5	44.8	45.4	46.0	46.0	46.1	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 5000	1	43.8	46.1	47.3	48.0	48.5	48.5	48.7	49.1	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 4500	1	44.1	46.4	47.6	48.3	48.8	48.8	48.9	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 4000	1	45.3	48.9	50.3	50.9	51.7	51.7	51.9	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 3500	1	48.7	52.4	53.8	54.4	55.2	55.2	55.4	56.2	56.2	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 3000	1	50.0	54.4	56.3	57.5	58.5	58.5	58.6	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 2500	1	51.5	56.3	58.2	59.4	60.3	60.3	60.5	61.4	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 2000	1	54.7	60.6	62.9	64.4	65.5	65.5	65.6	66.7	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 1800	1	55.0	61.3	64.2	65.9	66.9	66.9	67.1	68.4	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 1600	1	57.7	65.5	68.8	71.3	73.1	73.1	73.4	74.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 1400	1	59.3	67.6	72.0	75.3	78.0	78.2	78.8	80.2	80.2	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1200	1	59.9	68.3	72.8	76.1	79.7	80.5	81.5	82.9	82.9	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1000	1	59.5	68.8	73.4	76.7	80.6	81.7	83.1	84.9	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 900	1	59.9	69.6	74.5	77.8	82.1	83.2	84.8	86.8	87.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 800	1	60.2	70.2	75.0	78.4	82.9	84.3	85.9	88.0	88.2	89.8	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 600	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 500	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 400	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 300	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 200	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 100	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9
GE 0	1	60.2	70.3	75.1	78.5	83.1	84.4	86.0	88.3	88.4	91.3	92.1	92.1	92.2	92.3	92.7	92.9

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(EST): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12
NO CEIL	20.6	22.3	23.1	23.4	23.5	23.5	23.8	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	24.1		
GE 20000	22.7	24.5	25.3	25.5	25.7	25.7	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.2		
GE 18000	23.8	25.5	26.3	26.5	26.7	26.7	27.0	27.0	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.3		
GE 16000	24.7	26.5	27.3	27.5	27.7	27.7	28.0	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.2		
GE 14000	25.8	27.6	28.4	28.5	28.8	28.8	29.0	29.0	29.0	29.0	29.2	29.2	29.2	29.2	29.2	29.3		
GE 12000	27.7	29.4	30.2	30.5	30.6	30.6	30.9	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.2		
GE 10000	28.5	30.2	31.0	31.5	31.6	31.6	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.1		
GE 9000	28.6	30.4	31.2	31.5	31.7	31.7	32.0	32.0	32.0	32.0	32.1	32.1	32.1	32.1	32.1	32.3		
GE 8000	30.9	32.8	33.6	34.1	34.4	34.4	34.7	34.9	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.2		
GE 7000	37.5	39.4	40.2	40.9	41.1	41.1	41.4	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.3		
GE 6000	39.1	41.1	42.1	42.7	43.0	43.0	43.3	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.2		
GE 5000	41.8	43.8	44.8	45.4	45.7	46.0	46.4	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4		
GE 4500	43.3	44.4	45.3	46.0	46.2	46.5	47.0	47.8	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.1		
GE 4000	44.0	46.2	47.3	48.3	48.5	48.8	49.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.4	50.5		
GE 3500	44.9	49.6	50.8	51.3	52.0	52.3	53.0	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.2		
GE 3000	47.7	50.7	52.0	52.7	53.5	53.8	54.4	55.5	55.5	55.5	55.6	55.6	55.6	55.6	55.6	55.8		
GE 2500	50.7	53.6	55.1	55.9	56.9	57.3	57.9	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.5		
GE 2000	54.7	58.2	59.9	60.9	62.1	62.6	63.6	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.5		
GE 1800	55.9	59.8	61.7	62.5	64.1	64.7	65.6	67.2	67.2	67.2	67.5	67.5	67.5	67.5	67.5	67.6		
GE 1600	59.7	65.6	68.7	69.3	71.6	72.2	73.4	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.7		
GE 1400	62.1	68.3	71.9	73.7	75.8	76.7	78.1	80.2	80.2	80.2	80.4	80.6	80.6	80.6	80.6	80.8		
GE 1200	62.4	69.4	73.0	74.9	77.6	78.8	80.2	82.7	82.8	82.8	83.2	83.5	83.5	83.5	83.5	83.6		
GE 1000	62.8	70.2	73.9	75.9	78.8	80.0	81.5	84.3	84.4	84.4	85.2	85.5	85.5	85.5	85.5	85.6		
GE 900	62.9	70.3	74.3	76.3	79.4	80.9	82.5	85.8	85.9	86.8	87.1	87.1	87.1	87.1	87.1	87.4		
GE 800	62.9	70.7	75.0	77.3	80.5	82.1	83.9	87.4	87.5	88.7	89.2	89.2	89.2	89.2	89.4	89.7		
GE 700	63.0	71.1	75.4	77.4	81.0	82.7	84.5	88.3	88.4	90.2	91.4	91.4	91.5	91.5	91.7	91.9		
GE 600	63.0	71.5	76.1	78.1	81.9	83.5	85.8	89.7	89.9	92.5	94.1	94.1	94.5	94.5	94.6	95.0		
GE 500	63.0	71.8	76.3	78.5	82.3	84.1	86.6	91.0	91.3	94.4	96.4	96.5	97.2	97.2	97.3	97.7		
GE 400	63.2	71.9	76.5	78.5	82.4	84.3	86.7	91.1	91.4	94.6	96.8	97.0	98.4	98.5	98.9	99.3		
GE 300	63.2	71.9	76.5	78.5	82.4	84.3	86.7	91.1	91.5	94.8	97.0	97.4	98.9	99.1	99.5	99.9		
GE 200	63.2	71.9	76.5	78.5	82.4	84.3	86.7	91.1	91.5	94.8	97.0	97.4	98.9	99.1	99.6	100.0		
GE 0	63.2	71.9	76.5	78.5	82.4	84.3	86.7	91.1	91.5	94.8	97.0	97.4	98.9	99.1	99.6	100.0		

TOTAL NUMBER OF OBSERVATIONS: 749

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	10
NO CEIL	20.2	21.8	21.8	21.9	22.0	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	23.3
GE 20000	21.8	23.4	23.4	23.5	23.7	23.9	23.9	23.9	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.6	25.0	
GE 18000	23.0	24.6	24.6	24.7	24.9	25.1	25.1	25.1	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.8	26.2	
GE 16000	23.5	25.1	25.1	25.3	25.4	25.7	25.7	25.7	25.8	25.8	25.9	25.9	25.9	25.9	25.9	26.3	26.7	
GE 14000	23.7	25.3	25.3	25.4	25.5	25.8	25.8	25.8	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.5	26.9	
GE 12000	25.1	26.7	26.7	26.9	27.0	27.3	27.3	27.3	27.7	27.7	27.8	27.8	27.8	27.8	27.8	28.2	28.6	
GE 10000	26.6	28.2	28.4	28.5	28.6	28.9	29.2	29.2	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.8	30.2	
GE 9000	27.3	28.9	29.0	29.2	29.3	29.6	29.8	29.8	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.5	30.9	
GE 8000	31.5	33.2	33.3	33.6	33.9	34.1	34.5	34.7	34.8	34.8	34.9	34.9	34.9	34.9	34.9	35.3	35.8	
GE 7000	39.5	41.4	41.5	41.8	42.1	42.3	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.5	44.0	
GE 6000	41.7	43.8	44.0	44.4	44.8	45.2	45.6	45.7	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.4	46.9	
GE 5000	44.6	46.9	47.0	47.4	47.8	48.3	48.7	48.8	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.5	49.9	
GE 4500	45.2	47.4	47.6	48.0	48.4	48.8	49.5	49.6	49.7	49.7	49.9	49.9	49.9	49.9	49.9	50.3	50.7	
GE 4000	46.5	49.1	49.2	49.5	50.1	50.5	51.2	51.3	51.5	51.5	51.6	51.6	51.6	51.6	51.6	52.0	52.4	
GE 3500	48.7	51.9	52.0	52.4	53.0	53.4	54.2	54.3	54.4	54.4	54.6	54.6	54.6	54.6	54.6	55.0	55.4	
GE 3000	50.1	53.5	53.6	54.2	55.1	55.5	56.3	56.5	56.6	56.6	56.7	56.7	56.7	56.7	56.7	57.1	57.5	
GE 2500	51.9	55.4	55.6	56.0	57.1	57.5	58.3	58.9	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.5	59.9	
GE 2000	54.0	57.9	58.5	59.0	60.1	60.8	61.6	62.1	62.2	62.2	62.4	62.4	62.4	62.4	62.4	62.8	63.2	
GE 1800	55.1	59.1	59.8	60.3	61.4	62.1	62.9	63.8	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.5	64.9	
GE 1500	56.1	63.4	64.5	65.2	66.5	67.5	68.3	69.4	69.5	69.5	69.6	69.6	69.6	69.6	69.6	70.0	70.4	
GE 1200	60.2	66.4	67.9	68.3	70.2	71.2	72.4	73.8	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.6	75.0	
GE 1000	61.3	68.1	69.8	70.3	72.3	73.4	74.9	76.9	77.6	78.0	78.1	78.1	78.1	78.1	78.1	78.5	78.9	
GE 900	62.8	70.0	71.9	73.3	74.7	75.9	77.4	79.6	80.6	81.0	81.6	81.6	81.7	81.7	81.7	82.1	82.5	
GE 800	63.0	71.0	73.3	75.0	77.2	78.5	80.2	82.7	83.9	84.3	84.9	84.9	85.5	85.5	85.5	85.9	86.3	
GE 700	63.6	71.9	74.2	75.0	78.4	79.8	81.7	84.1	85.3	85.9	86.9	86.8	87.5	87.5	87.5	87.9	88.3	
GE 600	63.7	72.3	74.9	76.7	79.7	81.5	83.3	86.3	87.5	88.0	89.0	89.0	89.7	89.7	89.7	90.1	90.5	
GE 500	63.7	72.4	75.0	77.1	80.1	82.1	84.4	87.5	89.1	90.2	91.4	91.5	92.3	92.3	92.3	92.7	93.1	
GE 400	63.7	72.6	75.1	77.2	80.2	82.5	85.1	88.8	90.5	91.9	94.8	94.9	95.7	95.7	95.7	96.1	96.5	
GE 300	63.7	72.6	75.1	77.2	80.2	82.5	85.1	89.1	90.9	92.5	96.1	96.2	97.7	97.7	97.7	98.5	98.9	
GE 200	63.7	72.6	75.1	77.2	80.2	82.5	85.1	89.1	90.9	92.5	96.2	96.4	98.1	98.1	98.1	98.9	99.3	
GE 100	63.7	72.6	75.1	77.2	80.2	82.5	85.1	89.1	90.9	92.6	96.4	96.5	98.3	98.3	98.3	99.3	99.9	
GE 0	63.7	72.6	75.1	77.2	80.2	82.5	85.1	89.1	90.9	92.6	96.4	96.5	98.3	98.5	98.5	99.3	100.0	

TOTAL NUMBER OF OBSERVATIONS: 744



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702100 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(US): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	29.6	21.8	21.8	21.9	21.9	22.0	22.3	22.8	22.8	22.8	23.0	23.0	23.1	23.3	23.4	23.8
GE 20000	22.7	23.9	23.9	24.1	24.1	24.2	24.5	25.0	25.0	25.0	25.1	25.1	25.3	25.4	25.5	25.9
GE 18000	24.2	25.4	25.4	25.5	25.5	25.7	25.9	26.5	26.5	26.5	26.6	26.6	26.7	26.9	27.2	27.6
GE 16000	24.9	26.1	26.1	26.2	26.2	26.3	26.6	27.2	27.2	27.2	27.3	27.3	27.4	27.6	27.8	28.2
GE 14000	24.9	26.1	26.1	26.2	26.2	26.3	26.6	27.2	27.2	27.2	27.3	27.3	27.4	27.6	27.8	28.2
GE 12000	25.8	27.0	27.0	27.2	27.2	27.3	27.6	28.5	28.5	28.5	28.6	28.6	28.8	28.9	29.2	29.6
GE 10000	27.4	28.6	28.6	28.8	28.9	29.0	29.3	30.2	30.2	30.2	30.4	30.4	30.5	30.6	30.9	31.3
GE 9000	28.0	29.2	29.2	29.3	29.4	29.6	29.8	30.8	30.8	30.8	30.9	30.9	31.0	31.2	31.5	31.9
GE 8000	31.2	32.8	32.8	32.9	33.1	33.3	33.9	34.8	34.8	34.8	34.9	34.9	35.1	35.2	35.5	35.9
GE 7000	34.7	40.3	40.3	40.5	40.7	41.0	41.5	42.5	42.5	42.5	42.6	42.6	42.7	42.9	43.1	43.5
GE 6000	40.5	42.2	42.5	42.7	42.9	43.1	43.7	44.8	44.8	44.8	44.9	44.9	45.0	45.2	45.4	45.8
GE 5000	41.5	43.8	44.1	44.4	44.5	44.8	45.4	46.5	46.5	46.5	46.6	46.6	46.8	46.9	47.2	47.6
GE 4500	42.2	44.5	44.8	45.1	45.2	45.4	46.2	47.3	47.3	47.3	47.4	47.4	47.6	47.7	48.0	48.4
GE 4000	44.1	46.9	47.2	47.4	47.6	48.0	48.8	49.9	49.9	49.9	50.0	50.0	50.1	50.3	50.5	50.9
GE 3500	46.9	50.0	50.3	50.3	51.1	51.5	52.3	53.5	53.5	53.5	53.6	53.6	53.8	53.9	54.2	54.6
GE 3000	48.1	52.3	52.6	53.2	53.6	54.0	54.8	56.0	56.0	56.0	56.2	56.2	56.3	56.5	56.7	57.1
GE 2500	50.7	56.0	56.3	57.3	57.4	57.8	58.7	60.1	60.1	60.1	60.2	60.2	60.3	60.5	60.8	61.2
GE 2000	52.7	58.1	58.5	59.4	60.1	60.6	61.7	63.3	63.3	63.3	63.4	63.4	63.6	63.7	64.0	64.4
GE 1800	53.2	58.6	59.1	60.1	60.4	61.4	62.6	64.2	64.2	64.2	64.4	64.4	64.5	64.7	64.9	65.3
GE 1500	55.6	62.0	63.2	64.4	64.9	66.0	66.8	68.3	70.0	70.0	70.2	70.2	70.3	70.4	70.7	71.1
GE 1200	56.9	64.2	65.6	67.1	68.8	69.6	71.6	73.9	73.9	73.9	74.1	74.1	74.2	74.3	74.6	75.0
GE 1000	57.0	64.8	66.3	67.7	69.5	70.4	72.8	75.8	75.8	75.8	75.9	75.9	76.1	76.2	76.5	76.9
GE 900	57.9	66.4	68.1	69.8	71.5	73.0	75.5	78.9	79.0	79.3	79.4	79.4	79.6	79.7	80.0	80.4
GE 800	59.7	67.7	69.4	71.4	73.3	74.9	77.6	81.0	81.3	81.7	82.0	82.0	82.5	82.7	83.1	83.5
GE 700	59.9	68.3	70.4	72.3	74.2	76.1	78.8	82.4	82.7	83.1	83.7	83.7	84.4	84.5	85.1	85.5
GE 600	59.0	68.4	70.8	72.7	74.7	76.6	79.3	83.1	83.6	84.1	85.1	85.1	85.8	85.9	86.6	87.0
GE 500	59.0	68.8	71.2	73.1	75.5	77.4	80.5	84.4	85.3	86.6	87.9	87.9	88.7	88.8	89.5	89.9
GE 400	59.0	69.1	71.6	73.7	76.1	78.1	81.7	86.3	87.6	89.4	91.5	91.7	94.9	95.0	95.7	96.1
GE 300	59.0	69.1	71.6	73.7	76.1	78.1	81.9	86.6	87.9	89.7	94.9	95.0	96.4	96.6	97.6	98.0
GE 200	59.0	69.1	71.6	73.7	76.1	78.2	82.1	87.1	88.4	90.2	95.6	95.8	97.8	98.3	99.3	99.9
GE 100	59.0	69.1	71.6	73.7	76.1	78.2	82.1	87.1	88.4	90.2	95.6	95.8	97.8	98.3	99.3	99.9
GE 0	59.0	69.1	71.6	73.7	76.1	78.2	82.1	87.1	88.4	90.2	95.6	95.8	97.8	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR & WEATHER SERVICE/MAL

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS(EST): 0600-0800

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 1	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEILING	20.6	21.9	22.3	22.4	23.1	23.4	23.7	23.8	23.8	24.5	24.6	24.6	24.9	24.9	25.0	25.1
GE 20000	23.4	25.0	25.4	25.5	26.2	26.5	26.7	26.9	26.9	27.6	27.7	27.7	28.0	28.0	28.1	28.2
GE 18000	23.9	25.5	25.9	26.1	26.7	27.0	27.3	27.4	27.4	28.2	28.4	28.4	28.6	28.6	28.8	28.9
GE 16000	24.6	26.2	26.6	26.7	27.4	27.7	28.0	28.1	28.1	28.9	29.0	29.0	29.3	29.3	29.4	29.6
GE 14000	24.6	26.2	26.6	26.7	27.4	27.7	28.0	28.1	28.1	28.9	29.0	29.0	29.3	29.3	29.4	29.6
GE 12000	25.1	26.7	27.2	27.3	28.0	28.2	28.5	28.6	28.6	29.4	29.6	29.6	29.8	29.8	30.0	30.1
GE 10000	25.5	27.4	27.8	28.1	28.6	28.9	29.2	29.3	29.3	30.1	30.2	30.2	30.5	30.5	30.6	30.8
GE 9000	26.2	28.1	28.5	28.4	29.4	29.7	30.0	30.1	30.1	30.9	31.0	31.0	31.3	31.3	31.5	31.6
GE 8000	29.2	31.6	32.1	32.4	33.2	33.5	34.1	34.3	34.3	35.1	35.2	35.2	35.5	35.5	35.6	35.8
GE 7000	34.8	38.0	39.0	39.2	40.1	40.3	41.0	41.1	41.1	41.9	42.1	42.1	42.3	42.3	42.5	42.6
GE 6000	36.6	39.9	40.9	41.1	41.9	42.2	42.9	43.0	43.0	43.8	44.0	44.0	44.2	44.2	44.4	44.5
GE 5000	38.3	41.8	42.7	43.1	43.8	44.1	44.9	45.0	45.0	45.8	46.0	46.0	46.2	46.2	46.4	46.5
GE 4000	39.1	42.6	43.7	44.1	44.9	45.2	46.0	46.1	46.1	46.9	47.0	47.0	47.3	47.3	47.4	47.5
GE 3000	40.5	44.1	45.2	45.4	46.4	46.6	47.4	47.6	47.6	48.4	48.5	48.5	48.8	48.8	48.9	49.1
GE 2500	41.7	44.3	45.5	45.9	46.9	47.2	48.0	48.3	48.3	49.1	49.2	49.2	49.5	49.5	49.6	49.8
GE 2000	46.6	52.0	53.5	53.9	55.0	55.2	56.2	56.3	56.3	57.1	57.3	57.3	57.5	57.5	57.7	57.8
GE 1500	50.1	56.0	57.7	58.2	59.4	59.7	60.6	60.8	60.8	61.6	61.7	61.7	62.0	62.0	62.1	62.2
GE 1200	52.3	59.0	61.0	61.5	62.9	63.3	64.4	64.6	64.6	65.7	65.9	65.9	66.1	66.1	66.3	66.4
GE 1000	54.0	59.9	62.0	62.5	64.2	64.7	65.7	66.3	66.4	67.2	67.3	67.3	67.6	67.6	67.7	67.9
GE 800	54.7	62.1	64.9	65.5	67.9	68.4	70.0	71.0	71.1	71.9	72.0	72.0	72.3	72.3	72.4	72.6
GE 600	55.5	63.6	66.8	68.1	71.0	71.9	73.8	74.9	75.0	75.8	75.9	75.9	76.2	76.2	76.3	76.5
GE 400	55.9	64.7	67.9	69.5	72.8	73.8	75.9	77.6	77.7	78.5	78.6	78.6	78.9	78.9	79.0	79.3
GE 300	56.2	65.6	68.8	70.5	74.2	75.3	77.7	79.6	79.7	80.5	81.0	81.0	81.3	81.3	81.5	81.7
GE 200	56.6	66.1	70.4	72.3	75.9	77.0	79.4	81.9	82.3	83.1	83.7	83.7	84.0	84.0	84.1	84.4
GE 100	56.6	67.2	70.6	72.4	76.2	77.3	79.8	82.8	83.2	84.0	85.3	85.3	85.8	85.8	85.9	86.2
GE 50	56.6	67.3	70.8	72.3	77.0	78.1	80.9	83.9	84.5	86.0	87.8	87.8	88.2	88.2	88.3	88.6
GE 20	56.6	67.3	70.8	73.1	77.7	78.8	81.6	85.1	85.8	87.5	89.7	89.7	90.2	90.2	90.3	90.6
GE 10	56.6	67.3	71.0	73.3	77.8	78.9	82.0	85.8	86.6	89.1	94.1	94.2	95.4	95.4	95.7	96.0
GE 5	56.6	67.3	71.0	73.3	77.8	78.9	82.0	86.0	86.8	89.9	95.7	96.0	97.6	97.6	98.1	98.4
GE 2	56.6	67.3	71.0	73.3	78.0	79.0	82.1	86.2	87.0	90.1	96.0	96.2	98.1	98.1	98.8	99.6
GE 1	56.6	67.3	71.0	73.3	78.0	79.0	82.1	86.2	87.0	90.1	96.0	96.2	98.1	98.1	98.9	99.7
GE 0	56.6	67.3	71.0	73.3	78.0	79.0	82.1	86.2	87.0	90.1	96.0	96.2	98.1	98.1	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 744

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702559 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS/STATION: 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	10	6	5	4	3	2	1 1/2	1	1/2	1/4	1	1/2	1/4	1	1/2	1/4
NO CEIL	25.8	30.1	31.3	31.5	32.3	33.5	33.9	34.0	34.0	34.5	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 20000	26.7	30.9	32.1	32.4	33.1	34.3	34.7	34.8	34.8	35.3	36.2	36.2	36.2	36.2	36.3	36.3	36.3
GE 18000	26.7	31.0	32.3	32.5	33.2	34.4	34.8	34.9	34.9	35.5	36.3	36.3	36.3	36.3	36.3	36.4	36.4
GE 16000	27.3	31.6	32.8	33.1	33.7	34.9	35.3	35.5	35.5	36.0	36.8	36.8	36.8	36.8	36.8	37.0	37.0
GE 14000	28.0	32.3	33.5	33.7	34.4	35.6	36.0	36.2	36.2	36.7	37.5	37.5	37.5	37.5	37.6	37.6	37.6
GE 12000	28.0	32.3	33.5	33.7	34.4	35.6	36.0	36.2	36.2	36.7	37.5	37.5	37.5	37.5	37.6	37.6	37.6
GE 10000	28.4	33.6	34.8	35.1	35.8	37.0	37.4	37.5	37.5	38.0	38.4	38.8	38.8	38.8	39.0	39.0	39.0
GE 9000	28.6	33.9	35.1	35.3	36.0	37.2	37.6	37.8	37.8	38.3	39.1	39.1	39.2	39.2	39.4	39.4	39.4
GE 8000	30.2	36.7	38.0	38.4	39.4	40.6	41.0	41.1	41.1	42.1	42.9	42.9	43.0	43.0	43.1	43.1	43.1
GE 7000	35.6	43.7	45.0	45.5	46.8	48.0	48.4	48.5	48.5	49.5	50.3	50.3	50.4	50.4	50.5	50.5	50.5
GE 6000	37.6	45.8	47.2	47.7	48.9	50.1	50.5	50.7	50.7	51.6	52.4	52.4	52.6	52.6	52.7	52.7	52.7
GE 5000	39.9	48.4	49.7	50.3	51.5	52.7	53.1	53.2	53.2	54.2	55.0	55.0	55.1	55.1	55.2	55.2	55.2
GE 4500	40.5	49.9	51.2	51.7	53.0	54.2	54.6	54.7	54.7	55.6	56.5	56.5	56.6	56.6	56.7	56.7	56.7
GE 4000	42.1	51.2	52.7	53.2	54.5	55.7	56.1	56.2	56.2	57.1	58.0	58.0	58.1	58.1	58.2	58.2	58.2
GE 3500	44.0	53.6	55.1	55.6	56.9	58.1	58.5	58.6	58.6	59.5	60.3	60.3	60.4	60.4	60.5	60.5	60.5
GE 3000	45.3	54.5	56.0	56.5	57.8	59.0	59.4	59.4	59.4	60.3	61.2	61.2	61.3	61.3	61.4	61.4	61.4
GE 2500	46.1	55.4	56.9	57.4	58.7	59.9	60.3	60.3	60.3	61.2	62.1	62.1	62.2	62.2	62.3	62.3	62.3
GE 2000	47.0	56.4	57.9	58.4	59.7	60.9	61.3	61.3	61.3	62.2	63.1	63.1	63.2	63.2	63.3	63.3	63.3
GE 1800	47.7	57.2	58.7	59.2	60.5	61.7	62.1	62.1	62.1	63.0	63.9	63.9	64.0	64.0	64.1	64.1	64.1
GE 1600	48.5	58.6	60.1	60.6	61.9	63.1	63.5	63.5	63.5	64.4	65.3	65.3	65.4	65.4	65.5	65.5	65.5
GE 1400	49.1	59.6	61.1	61.6	62.9	64.1	64.5	64.5	64.5	65.4	66.3	66.3	66.4	66.4	66.5	66.5	66.5
GE 1200	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 1000	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 900	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 800	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 700	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 600	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 500	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 400	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 300	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 200	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 100	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5
GE 0	49.7	60.6	62.1	62.6	63.9	65.1	65.5	65.5	65.5	66.4	67.3	67.3	67.4	67.4	67.5	67.5	67.5

TOTAL NUMBER OF OBSERVATIONS: 794

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: OCT HOURS/STATION: 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2 1/2	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4	GE 2 1/4
NO CEIL	25.7	30.9	31.1	31.5	32.0	32.3	32.5	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	33.1	33.1
GE 20000	27.2	32.5	32.9	33.2	33.7	34.0	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8
GE 18000	28.2	33.7	34.1	34.4	34.9	35.2	35.5	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0
GE 16000	28.8	34.3	34.7	34.9	35.5	35.8	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6
GE 14000	28.8	34.3	34.7	34.9	35.5	35.8	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6
GE 12000	29.3	35.9	36.3	36.5	37.1	37.4	37.6	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.2	38.2
GE 10000	30.1	37.0	37.5	37.8	38.3	38.6	38.8	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.4	39.4
GE 9000	31.0	38.0	38.6	39.1	39.7	39.9	40.2	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.9	40.9
GE 8000	34.8	42.9	43.5	44.1	44.9	45.2	45.4	45.8	45.8	45.8	46.0	46.0	46.0	46.0	46.1	46.1	46.2	46.2
GE 7000	39.0	48.0	48.7	49.1	50.0	50.3	50.5	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.3	51.3
GE 6000	41.0	50.1	50.8	51.2	52.2	52.4	52.7	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.4	53.4	53.5	53.5
GE 5000	42.3	52.0	52.8	53.2	54.2	54.4	54.7	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.4	55.4	55.5	55.5
GE 4000	43.3	53.5	54.3	54.7	55.6	55.9	56.2	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.9	56.9	57.0	57.0
GE 3000	44.5	56.3	57.3	57.7	58.6	58.9	59.1	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.9	59.9
GE 2000	45.8	58.2	59.5	60.2	61.2	61.4	61.7	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.5	62.5
GE 1000	47.6	60.3	61.8	62.9	64.0	64.4	64.7	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.6	65.6
GE 500	47.7	62.4	64.0	65.3	66.4	66.8	67.1	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0
GE 200	48.3	63.6	65.9	67.5	68.7	69.1	69.4	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.2	70.2	70.3	70.3
GE 100	48.7	64.5	66.9	68.7	69.9	70.3	70.7	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.6	71.6
GE 50	49.6	66.5	69.6	71.9	73.4	73.8	74.5	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.4	75.4
GE 10	50.9	69.5	72.8	76.5	78.2	78.9	79.8	80.6	80.8	81.0	81.0	81.0	81.0	81.0	81.6	81.6	81.7	81.7
GE 1000	51.3	70.7	74.1	78.1	80.8	81.5	82.5	83.6	83.7	84.1	84.1	84.1	84.1	84.1	84.7	84.7	84.9	84.9
GE 900	51.5	71.1	74.6	78.5	82.4	83.2	84.5	85.8	86.2	86.8	86.8	86.8	86.8	86.8	87.8	87.8	88.0	88.0
GE 800	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 700	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 600	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 500	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 400	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 300	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 200	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 100	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 50	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3
GE 10	51.7	71.5	75.3	80.2	83.6	84.4	85.9	87.1	87.5	88.6	88.6	88.6	88.6	88.6	89.9	89.9	90.3	90.3

TOTAL NUMBER OF OBSERVATIONS: 744

LOCAL CLIMATE DIVISION  
 (OFFICE)  
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 70250 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
 MONTH: SEP

HOURS(LST): ALL

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CEIL	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	
GE 20000	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	
GE 18000	27.8	27.7	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	
GE 16000	27.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	
GE 14000	27.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	
GE 12000	27.7	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	
GE 10000	32.6	33.5	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	
GE 9000	33.9	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 8000	34.7	34.8	34.9	34.9	34.9	34.9	34.9	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	
GE 7000	43.7	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
GE 6000	45.6	47.1	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	
GE 5000	47.7	49.5	49.6	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	
GE 4000	49.1	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	
GE 3000	51.4	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	
GE 2000	55.2	58.3	58.6	58.6	58.6	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	
GE 1000	58.3	61.9	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	
GE 2500	62.9	66.9	67.3	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	
GE 2000	69.8	73.4	73.9	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	
GE 1800	70.3	75.1	75.7	75.9	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	
GE 1600	73.8	79.7	80.4	80.7	81.1	81.2	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	
GE 1400	75.8	82.4	83.4	83.3	84.3	84.3	84.3	84.7	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	
GE 1200	77.1	84.7	85.9	86.4	87.0	87.2	87.5	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	
GE 1000	77.7	85.8	87.1	87.7	88.4	88.7	89.1	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	
GE 900	78.1	86.6	88.0	88.6	89.4	89.8	90.2	90.4	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	
GE 800	78.2	87.2	88.7	89.4	90.1	90.7	91.3	91.5	91.8	92.0	92.1	92.2	92.2	92.2	92.2	92.2	
GE 700	78.2	87.4	89.1	89.8	90.9	91.2	91.9	92.3	92.5	92.8	93.0	93.1	93.2	93.2	93.2	93.2	
GE 600	78.5	87.9	89.8	90.5	92.0	92.4	93.4	93.9	94.7	94.7	94.9	95.0	95.2	95.2	95.2	95.2	
GE 500	78.6	88.3	90.2	91.2	92.8	93.3	94.4	95.1	95.5	96.2	96.9	96.9	97.2	97.2	97.2	97.2	
GE 400	78.6	88.3	90.2	91.3	92.9	93.4	94.6	95.4	95.8	96.6	97.6	97.6	97.7	98.1	98.3	98.6	
GE 300	78.6	88.3	90.2	91.3	92.9	93.4	94.6	95.4	95.9	96.9	97.9	97.9	98.0	98.7	98.8	99.2	
GE 200	78.6	88.3	90.2	91.3	92.9	93.4	94.6	95.4	95.9	96.9	97.9	97.9	98.0	98.8	99.0	99.4	
GE 100	78.6	88.3	90.2	91.3	92.9	93.4	94.6	95.4	95.9	96.9	97.9	97.9	98.0	98.8	99.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5750

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAF  
AFR WEATHER SERVICE/MAI

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701551 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(UT): 2100-2300

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1 1/2	1	3/4	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	0
NO DATA	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 18000	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 16000	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 12000	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 10000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 9000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 8000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 7000	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 6000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 5000	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 4500	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 4000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 3500	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 3000	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 2500	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 2000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1800	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 1500	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 700	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 200	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 0	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 0	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 170

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS: 1800-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	GE 1/8	GE 1/16	GE 1/32	GE 1/64	GE 1/128	GE 1/256	GE 1/512	GE 1/1024
NO CEIL	27.5	27.8	27.9	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	28.2	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 18000	30.0	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 16000	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 14000	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 12000	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 10000	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 9000	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1
GE 8000	38.5	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 7000	43.9	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 6000	45.6	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 5000	47.9	48.9	49.0	49.3	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 4500	50.0	51.0	51.1	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 4000	52.9	53.9	54.0	54.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 3500	56.9	57.9	58.2	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 3000	60.1	61.5	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 2500	65.8	67.2	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 2000	75.7	77.4	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1800	76.9	78.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 1600	82.1	84.9	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1400	83.6	86.8	88.3	88.5	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1200	88.6	89.2	90.7	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	89.6	89.4	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	85.0	90.0	91.7	91.7	92.1	92.2	92.4	92.4	92.6	92.9	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.3
GE 800	85.1	90.6	92.2	92.5	92.6	92.8	93.1	93.3	93.6	94.0	94.0	94.0	94.0	94.0	94.2	94.2	94.2	94.2
GE 700	85.3	90.7	92.4	92.5	92.8	92.9	93.2	93.6	93.9	94.4	94.4	94.4	94.4	94.4	94.9	94.9	94.9	94.9
GE 600	85.4	91.4	92.2	93.5	93.6	93.8	94.6	95.1	95.4	96.4	96.4	96.4	96.4	96.4	96.8	96.8	96.9	96.9
GE 500	85.7	91.8	93.6	94.1	94.4	94.7	95.7	96.5	96.8	97.9	98.1	98.1	98.1	98.1	98.6	98.6	98.8	98.8
GE 400	85.7	91.8	93.6	94.3	94.4	94.7	95.7	96.5	96.8	98.2	98.5	98.6	98.6	98.6	99.3	99.3	99.4	99.4
GE 300	85.7	91.8	93.6	94.3	94.4	94.7	95.7	96.5	96.8	98.2	98.5	98.6	98.6	98.6	99.6	99.6	99.7	99.7
GE 200	85.7	91.8	93.6	94.3	94.4	94.7	95.7	96.5	96.8	98.2	98.5	98.6	98.6	98.6	99.6	99.6	99.9	100.0
GE 100	85.7	91.8	93.6	94.3	94.4	94.7	95.7	96.5	96.8	98.2	98.5	98.6	98.6	98.6	99.6	99.6	99.9	100.0
GE 0	85.7	91.8	93.6	94.3	94.4	94.7	95.7	96.5	96.8	98.2	98.5	98.6	98.6	98.6	99.6	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 720

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: SEP HOURS(UTC): 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 20000	21.5	21.5	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 18000	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 16000	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 14000	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 12000	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 10000	27.6	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 9000	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 8000	32.5	32.5	32.5	32.5	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 7000	39.3	39.3	39.3	39.3	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 6000	41.4	41.5	41.5	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 5000	43.2	43.3	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 4000	44.2	44.3	44.3	44.4	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 3000	46.0	46.1	46.1	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 2500	49.6	50.0	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 2000	53.6	54.3	54.6	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 1500	60.0	60.7	61.4	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 1000	74.7	75.4	76.1	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 800	78.1	78.8	79.4	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 600	83.6	85.4	86.1	86.4	86.8	86.9	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 400	86.1	88.2	89.2	89.4	89.9	90.0	90.1	90.6	90.6	90.6	90.6	90.7	90.7	90.7	90.7	90.7
GE 300	87.6	90.0	91.0	91.3	91.7	91.8	92.1	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8
GE 200	88.2	90.8	91.9	92.2	92.8	93.1	93.3	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0
GE 100	88.9	91.7	92.8	93.1	93.6	93.9	94.2	94.7	94.9	94.9	94.9	95.1	95.3	95.3	95.3	95.3
GE 700	89.0	92.1	93.2	93.5	94.2	94.4	94.7	95.4	95.6	95.6	95.6	95.8	96.0	96.0	96.0	96.0
GE 500	89.0	92.4	93.5	93.9	94.7	95.0	95.3	96.0	96.1	96.1	96.1	96.4	96.7	96.8	96.8	96.8
GE 400	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.4	97.6	97.8	97.8	97.8	97.9
GE 300	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 200	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 100	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 70	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 50	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 30	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 20	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 10	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 5	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 2	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9
GE 1	89.2	92.6	93.8	94.2	95.1	95.4	95.8	96.8	97.1	97.4	97.6	97.8	97.8	97.8	97.8	97.9

TOTAL NUMBER OF OBSERVATIONS: 720



GLOBAL CLIMATOLOGY BRANCH  
GSAF/TAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(IST): 0100-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	29.0	36.7	37.5	38.9	39.6	39.6	39.6	40.5	40.5	40.9	41.2	41.2	41.5	41.7	41.7	41.7
GE 20000	30.3	38.0	38.9	40.3	41.0	41.0	41.0	41.9	41.9	42.3	42.6	42.6	42.9	43.1	43.1	43.1
GE 18000	31.0	38.7	39.6	41.3	41.7	41.7	41.7	42.6	42.6	43.0	43.3	43.3	43.6	43.8	43.8	43.8
GE 16000	31.5	39.2	40.2	41.5	42.3	42.3	42.3	43.1	43.1	43.6	43.8	43.8	44.1	44.4	44.4	44.4
GE 14000	31.7	39.4	40.3	41.7	42.4	42.4	42.6	43.4	43.4	43.8	44.1	44.1	44.4	44.7	44.7	44.7
GE 12000	31.9	39.6	40.8	42.2	42.9	43.0	43.3	44.1	44.1	44.5	44.8	44.8	45.1	45.4	45.4	45.4
GE 10000	32.4	40.5	41.8	43.3	43.7	43.8	44.1	45.0	45.0	45.4	45.7	45.7	45.9	46.2	46.2	46.2
GE 9000	32.8	41.3	42.6	44.3	44.7	44.8	45.1	45.9	45.9	46.4	46.6	46.6	46.9	47.2	47.2	47.2
GE 8000	34.0	42.8	44.2	50.3	51.3	51.5	52.0	52.8	52.8	53.2	53.5	53.5	53.8	54.1	54.1	54.1
GE 7000	43.4	55.3	57.0	58.5	59.2	59.5	59.9	61.1	61.1	61.5	61.8	61.8	62.0	62.3	62.3	62.3
GE 6000	44.3	57.0	59.1	60.8	61.5	61.8	62.2	63.3	63.3	63.7	64.0	64.0	64.3	64.6	64.6	64.6
GE 5000	45.4	59.4	61.5	63.2	63.9	64.1	64.6	65.7	65.7	66.1	66.4	66.4	66.7	66.9	66.9	66.9
GE 4000	45.8	59.9	62.2	63.9	64.6	64.8	65.3	66.4	66.4	66.8	67.1	67.1	67.4	67.6	67.6	67.6
GE 3000	46.4	61.6	64.0	65.7	66.4	66.7	67.1	68.2	68.2	68.6	68.9	68.9	69.2	69.5	69.5	69.5
GE 2500	47.1	63.6	66.5	68.2	69.3	69.3	69.7	70.9	70.9	71.4	71.7	71.7	72.0	72.3	72.3	72.3
GE 2000	47.9	65.4	68.5	70.5	71.6	71.8	72.3	73.5	73.5	74.1	74.4	74.4	74.6	74.9	74.9	74.9
GE 1500	49.0	67.5	70.4	73.3	73.9	74.4	75.1	76.3	76.3	76.9	77.2	77.2	77.5	77.7	77.7	77.7
GE 1000	49.4	68.5	71.8	74.3	76.2	76.8	77.5	78.7	78.7	79.3	79.6	79.6	79.8	80.1	80.1	80.1
GE 800	49.7	69.2	72.7	75.5	77.3	77.9	78.6	79.8	79.8	80.4	80.7	80.7	81.0	81.2	81.2	81.2
GE 600	50.6	72.3	75.9	79.4	81.8	82.4	83.2	84.9	84.9	85.6	85.9	85.9	86.1	86.4	86.4	86.4
GE 400	50.7	72.8	76.5	80.3	82.5	83.2	84.3	86.6	86.7	87.8	88.1	88.1	88.4	88.7	88.7	88.7
GE 300	50.7	73.5	77.3	80.3	83.8	84.6	86.1	88.9	89.1	90.2	90.5	90.5	90.8	91.0	91.0	91.0
GE 200	50.7	73.5	77.5	81.3	83.9	84.9	86.4	89.2	89.8	90.9	91.3	91.3	91.6	91.9	91.9	91.9
GE 100	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.1	91.9	92.7	92.7	93.0	93.3	93.3	93.3
GE 50	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.2	93.7	93.7	94.0	94.3	94.3	94.3
GE 20	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.3	94.3	94.3	94.5	94.8	94.8	94.8
GE 10	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.6	94.8	94.8	95.1	95.4	95.4	95.4
GE 5	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.6	96.1	96.1	97.9	98.2	98.2	98.2
GE 2	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.6	96.2	96.2	98.4	99.0	99.0	99.2
GE 1	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.6	96.2	96.5	99.0	99.3	99.3	99.6
GE 0	50.7	73.8	77.7	81.2	84.2	85.2	86.7	89.5	90.2	92.6	96.2	96.5	99.0	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS: 714

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING AND VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV. HOURS/CLIMATE: 0600-2400

CEILING IN FEET	VISIBILITY IN STATUTE MILES														
	1	5/8	3/4	1	5/8	3/4	1	5/8	3/4	1	5/8	3/4	1	5/8	3/4
NO CEIL	39.7	35.2	35.5	36.3	36.2	36.2	36.2	36.9	37.0	37.2	37.6	37.8	38.0	38.0	38.3
GE 20000	32.8	37.3	37.6	38.1	38.3	38.3	38.3	39.0	39.1	39.2	39.7	39.9	40.1	40.1	40.1
GE 18000	33.9	38.5	39.0	39.7	39.8	39.8	39.8	40.5	40.8	41.9	41.3	41.6	41.8	41.8	41.8
GE 16000	34.6	39.2	39.7	40.9	40.5	40.5	40.5	41.2	41.5	41.6	42.0	42.1	42.5	42.5	42.5
GE 14000	34.8	39.4	39.8	40.5	40.6	40.6	40.6	41.3	41.6	41.8	42.2	42.5	42.6	42.6	42.6
GE 12000	35.3	39.9	40.4	41.1	41.3	41.3	41.3	42.0	42.3	42.5	42.9	43.2	43.3	43.3	43.3
GE 10000	36.2	41.1	41.5	42.2	42.5	42.5	42.5	43.2	43.4	43.6	44.0	44.3	44.4	44.4	44.4
GE 9000	36.2	41.3	41.8	42.5	42.7	42.7	42.7	43.4	43.9	44.0	44.4	44.7	44.8	44.8	44.8
GE 8000	39.5	45.0	45.4	46.1	46.4	46.4	46.4	47.1	47.5	47.6	48.0	48.3	48.5	48.5	48.5
GE 7000	46.4	52.5	53.2	53.9	54.2	54.2	54.2	54.9	55.3	55.7	56.1	56.4	56.6	56.6	56.6
GE 6000	49.3	55.3	56.1	56.9	57.3	57.3	57.3	58.0	58.4	58.8	59.2	59.5	59.6	59.6	59.6
GE 5000	49.0	56.4	57.3	58.3	58.5	58.5	58.5	59.2	59.6	60.1	60.5	60.8	60.9	60.9	60.9
GE 4500	49.7	57.1	58.1	58.3	59.4	59.4	59.4	60.1	60.5	60.9	61.3	61.6	61.7	61.7	61.7
GE 4000	52.0	60.2	61.5	62.2	62.7	62.8	62.8	63.5	64.0	64.4	64.8	65.1	65.2	65.2	65.2
GE 3500	53.6	62.2	64.1	64.7	65.5	65.8	65.8	66.6	67.2	67.7	68.2	68.4	68.6	68.6	68.6
GE 3000	56.3	65.4	68.0	69.1	69.9	70.1	70.4	71.2	71.9	72.5	72.9	73.2	73.3	73.3	73.3
GE 2500	56.8	66.5	69.1	70.3	71.8	72.1	72.3	73.2	74.0	74.6	75.0	75.3	75.4	75.4	75.4
GE 2000	59.2	68.6	71.6	73.5	74.6	75.0	75.3	76.1	77.1	77.8	78.4	78.6	78.8	78.8	78.8
GE 1800	59.7	69.1	72.8	74.9	76.1	76.5	76.8	77.7	78.6	79.5	80.0	80.3	80.4	80.4	80.4
GE 1600	59.9	70.1	74.2	77.1	79.6	80.0	80.6	82.0	83.1	84.1	84.6	84.9	85.1	85.1	85.1
GE 1400	59.2	70.5	74.9	78.1	81.3	81.7	83.0	85.1	86.3	87.4	88.0	88.3	88.7	88.8	88.8
GE 1200	59.5	71.2	75.6	78.7	82.5	83.1	84.5	86.6	87.8	89.0	89.5	89.8	90.2	90.2	90.4
GE 1000	59.5	71.2	75.6	79.1	82.7	83.4	84.9	87.3	88.7	89.8	90.4	90.8	91.2	91.2	91.3
GE 900	59.5	71.2	75.6	79.2	83.0	83.8	85.5	87.8	89.2	90.5	91.6	92.0	92.5	92.5	92.6
GE 800	59.5	71.2	75.6	79.3	83.1	83.9	85.8	88.4	89.8	91.2	92.7	93.2	93.6	93.7	93.7
GE 700	59.5	71.5	75.8	79.5	83.4	84.2	86.2	89.0	90.4	91.8	93.7	94.1	94.6	94.7	94.8
GE 600	59.5	71.5	75.8	79.5	83.4	84.2	86.2	89.1	90.5	92.0	94.0	94.4	94.8	95.0	95.1
GE 500	59.5	71.8	76.1	79.7	83.7	84.5	86.6	89.5	90.9	92.5	96.4	96.9	97.9	98.0	98.2
GE 400	59.5	71.8	76.1	79.7	83.7	84.5	86.6	89.5	90.9	92.5	96.5	97.2	99.0	99.2	99.3
GE 300	59.5	71.8	76.1	79.7	83.7	84.5	86.6	89.5	90.9	92.5	96.8	97.5	99.4	99.6	99.9
GE 200	59.5	71.8	76.1	79.7	83.7	84.5	86.6	89.5	90.9	92.5	96.8	97.5	99.4	99.6	100.0
GE 0	59.5	71.8	76.1	79.7	83.7	84.5	86.6	89.5	90.9	92.5	96.8	97.5	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 716

JOINT CLIMATE BRANCH  
ONAFETAF  
AIR W. ATION SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS (LST): 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEILING	29.6	31.4	32.0	32.3	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.7	32.7	32.7	32.7	32.7	32.7
GE 20000	32.3	34.1	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.8	35.5	35.5	35.5	35.5	35.5	35.5
GE 18000	34.1	35.9	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	37.3	37.3	37.3	37.3	37.3	37.3
GE 16000	35.9	37.6	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3	39.0	39.0	39.0	39.0	39.0	39.0
GE 14000	36.9	38.7	39.3	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4	40.1	40.1	40.1	40.1	40.1	40.1
GE 12000	37.2	39.0	39.6	39.6	39.6	39.6	39.6	39.7	39.7	39.7	39.7	40.4	40.4	40.4	40.4	40.4	40.4
GE 10000	39.0	39.8	40.5	40.5	40.5	40.5	40.5	40.7	40.7	40.7	40.7	41.4	41.4	41.4	41.4	41.4	41.4
GE 9000	38.4	40.7	41.4	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	42.2	42.4	42.4	42.4	42.4	42.4
GE 8000	42.9	46.6	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4	48.1	48.2	48.2	48.2	48.2	48.2
GE 7000	50.4	53.2	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.8	55.0	55.0	55.0	55.0	55.0
GE 6000	54.4	56.2	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2	57.9	58.1	58.1	58.1	58.1	58.1
GE 5000	54.7	57.6	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	59.3	59.5	59.5	59.5	59.5	59.5
GE 4000	55.4	58.3	59.2	59.2	59.2	59.2	59.2	59.3	59.3	59.3	59.3	60.0	60.2	60.2	60.2	60.2	60.2
GE 3000	57.8	61.0	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.7	62.8	62.8	62.8	62.8	62.8
GE 2000	61.4	65.2	66.1	66.1	66.1	66.1	66.1	66.2	66.3	66.3	66.3	67.0	67.2	67.2	67.2	67.2	67.2
GE 1000	67.7	68.0	69.0	69.0	69.0	69.0	69.0	69.1	69.7	69.7	69.7	70.4	70.5	70.5	70.5	70.5	70.5
GE 2500	69.4	69.4	70.5	70.5	70.5	70.5	70.5	71.5	72.4	72.4	72.4	73.1	73.2	73.5	73.5	73.5	73.5
GE 2000	66.3	71.2	72.4	72.4	72.4	72.4	72.4	73.5	74.2	74.2	74.2	75.7	76.6	76.6	76.6	76.6	76.6
GE 1800	66.5	72.4	74.1	74.1	74.1	74.1	74.1	75.6	76.6	76.6	76.6	77.3	78.1	78.1	78.1	78.1	78.1
GE 1500	68.2	74.3	76.6	76.6	76.6	76.6	76.6	78.7	79.7	79.7	79.7	80.6	81.5	81.5	81.5	81.5	81.5
GE 1200	68.6	74.9	77.3	77.3	77.3	77.3	77.3	80.6	81.5	81.5	81.5	82.5	82.6	82.6	82.6	82.6	82.6
GE 1000	69.7	75.3	77.8	77.8	77.8	77.8	77.8	83.5	85.0	85.0	85.0	86.5	86.7	86.7	86.7	86.7	86.7
GE 900	69.7	76.3	78.9	78.9	78.9	78.9	78.9	83.5	85.0	85.0	85.0	86.5	86.7	86.7	86.7	86.7	86.7
GE 800	69.7	77.1	79.7	79.7	79.7	79.7	79.7	84.0	85.7	85.7	85.7	87.2	87.4	87.4	87.4	87.4	87.4
GE 700	69.7	77.7	80.2	80.2	80.2	80.2	80.2	84.7	86.4	86.4	86.4	88.4	88.6	88.6	88.6	88.6	88.6
GE 600	69.7	78.0	80.5	80.5	80.5	80.5	80.5	85.0	86.7	86.7	86.7	89.6	90.9	90.9	90.9	90.9	90.9
GE 500	69.7	78.1	80.8	80.8	80.8	80.8	80.8	85.3	87.0	87.0	87.0	90.0	91.6	91.6	91.6	91.6	91.6
GE 400	69.7	78.4	81.1	81.1	81.1	81.1	81.1	85.6	87.2	87.2	87.2	90.6	92.6	92.6	92.6	92.6	92.6
GE 300	69.7	78.4	81.1	81.1	81.1	81.1	81.1	85.7	87.5	87.5	87.5	90.6	90.9	90.9	90.9	90.9	90.9
GE 200	69.7	78.4	81.1	81.1	81.1	81.1	81.1	85.7	87.5	87.5	87.5	90.6	90.9	90.9	90.9	90.9	90.9
GE 100	69.7	78.4	81.1	81.1	81.1	81.1	81.1	85.7	87.5	87.5	87.5	90.6	90.9	90.9	90.9	90.9	90.9
GE 0	69.7	78.4	81.1	81.1	81.1	81.1	81.1	85.7	87.5	87.5	87.5	90.6	90.9	90.9	90.9	90.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 717

GEORGE CLIMATOLOGY BRANCH  
USAFETAT  
AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(EST): 1200-1400

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	1	1 1/2	2	2 1/2	3	3 1/2	4	4 1/2	5	5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9
NO CEIL	30.3	31.6	31.9	31.9	31.9	31.9	31.9	31.9	32.3	32.6	32.6	32.7	32.7	32.7	32.9	32.9	32.9
GE 20000	31.9	33.1	33.4	33.4	33.4	33.4	33.4	33.9	34.1	34.1	34.3	34.3	34.3	34.3	34.4	34.4	34.4
GE 18000	34.0	35.4	35.7	35.7	35.7	35.7	35.7	36.1	36.4	36.4	36.5	36.5	36.5	36.5	36.7	36.7	36.7
GE 16000	37.0	38.4	38.7	38.7	38.7	38.7	38.7	39.1	39.4	39.4	39.5	39.5	39.5	39.5	39.7	39.7	39.7
GE 14000	37.4	38.7	39.0	39.3	39.3	39.3	39.3	39.4	39.7	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9
GE 12000	38.8	40.4	40.7	40.7	40.7	40.7	40.7	41.1	41.4	41.4	41.5	41.5	41.5	41.5	41.6	41.6	41.6
GE 10000	40.9	42.5	42.8	42.8	42.8	42.8	43.2	43.6	43.6	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9
GE 9000	42.8	44.6	45.2	45.2	45.2	45.2	45.6	46.0	46.0	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
GE 8000	46.7	49.2	50.0	50.0	50.0	50.0	50.4	51.1	51.1	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
GE 7000	53.0	55.4	56.4	56.4	56.4	56.4	56.8	57.5	57.5	57.6	57.6	57.6	57.6	57.8	57.8	57.9	57.9
GE 6000	54.7	57.2	58.2	58.4	58.4	58.4	58.8	59.5	59.5	59.6	59.6	59.6	59.6	59.8	59.8	59.9	59.9
GE 5000	54.8	59.3	60.3	60.5	60.5	60.5	60.9	61.6	61.6	61.8	61.8	61.8	61.8	61.9	61.9	62.0	62.0
GE 4500	57.9	59.9	60.9	61.0	61.0	61.0	61.5	62.2	62.2	62.3	62.3	62.3	62.3	62.5	62.5	62.6	62.6
GE 4000	58.4	60.9	61.9	62.0	62.0	62.0	62.5	63.2	63.2	63.3	63.3	63.3	63.3	63.5	63.5	63.6	63.6
GE 3500	60.6	63.9	65.2	65.3	65.4	65.4	65.9	66.6	66.6	66.7	66.9	66.9	66.9	67.1	67.1	67.3	67.3
GE 3000	63.3	66.6	67.8	68.0	68.3	68.3	68.7	69.5	69.5	69.7	70.0	70.0	70.0	70.3	70.3	70.5	70.5
GE 2500	65.3	68.7	70.0	70.1	70.4	70.5	71.2	72.1	72.2	72.7	72.7	73.1	73.1	73.4	73.4	73.7	73.7
GE 2000	68.7	72.4	74.2	74.5	74.9	75.5	76.3	77.8	78.2	78.8	78.8	79.2	79.2	79.6	79.6	79.9	79.9
GE 1800	69.7	72.8	74.8	75.1	75.5	76.1	76.9	78.3	78.8	79.3	79.3	79.7	79.7	80.2	80.2	80.5	80.5
GE 1600	69.7	74.4	76.6	76.9	77.5	78.3	79.6	81.0	81.4	82.0	82.4	82.4	82.4	82.9	82.9	83.1	83.1
GE 1400	71.0	75.8	78.0	78.5	79.2	80.2	81.7	83.6	84.1	84.7	85.4	85.4	85.4	86.0	86.0	86.3	86.3
GE 1000	71.7	76.6	78.9	79.3	80.3	81.6	83.4	85.6	86.1	86.7	87.4	87.4	87.4	88.0	88.0	88.2	88.2
GE 900	72.2	77.8	80.2	80.9	82.0	83.4	85.4	88.0	88.5	89.2	89.9	89.9	89.9	90.5	90.5	90.8	90.8
GE 800	72.7	78.3	80.9	81.5	82.7	84.3	86.8	89.8	90.4	91.1	91.9	91.9	91.9	92.5	92.5	92.8	92.8
GE 700	72.7	78.6	81.3	82.0	83.1	84.7	87.3	90.8	91.8	92.5	93.3	93.3	93.3	93.9	93.9	94.2	94.2
GE 600	72.7	78.8	81.4	82.2	83.4	85.0	87.7	91.2	92.4	93.2	94.1	94.1	94.1	94.6	94.6	95.0	95.0
GE 500	72.7	78.9	81.6	82.3	83.9	85.4	88.1	91.8	92.9	93.9	94.8	94.9	94.9	95.6	95.6	96.0	96.0
GE 400	72.7	78.9	81.6	82.3	83.9	85.4	88.1	92.1	93.2	94.2	94.7	94.7	94.7	95.7	95.7	96.2	96.2
GE 300	72.7	78.9	81.6	82.3	83.9	85.4	88.1	92.1	93.2	94.3	94.3	94.3	94.3	94.4	94.4	94.0	94.0
GE 200	72.7	78.9	81.6	82.3	83.9	85.4	88.1	92.1	93.2	94.3	94.3	94.3	94.3	94.7	94.7	94.4	94.4
GE 100	72.7	78.9	81.6	82.3	83.9	85.4	88.1	92.1	93.2	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7
GE 0	72.7	78.9	81.6	82.3	83.9	85.4	88.1	92.1	93.2	94.3	94.3	94.3	94.3	94.7	94.7	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 736

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS: 1500-1700

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	28.7	29.2	29.2	29.2	30.3	30.3	30.3	30.6	30.6	30.9	31.0	31.2	31.4	31.6	31.6	31.6	31.6
GE 20000	29.7	30.2	30.6	30.7	31.3	31.3	31.3	31.6	31.6	31.9	32.0	32.1	32.4	32.6	32.7	32.7	32.7
GE 18000	31.0	31.4	31.9	32.3	32.6	32.6	32.6	32.9	32.9	33.3	33.4	33.6	33.9	34.0	34.1	34.1	34.1
GE 16000	34.0	34.4	34.9	35.3	35.6	35.6	35.6	35.8	35.8	36.3	36.4	36.6	36.8	37.0	37.1	37.1	37.1
GE 14000	34.7	35.1	35.6	35.7	36.3	36.3	36.3	36.6	36.6	37.0	37.1	37.3	37.6	37.7	37.8	37.8	37.8
GE 12000	35.4	35.8	36.3	36.4	37.0	37.0	37.0	37.3	37.3	37.7	37.8	38.4	38.7	38.8	39.0	39.0	39.0
GE 10000	37.6	38.0	38.4	38.5	39.1	39.1	39.1	39.4	39.4	39.8	40.4	40.5	40.8	41.0	41.1	41.1	41.1
GE 9000	38.9	38.8	39.4	39.5	40.1	40.1	40.1	40.4	40.4	40.8	41.4	41.5	41.8	42.0	42.1	42.1	42.1
GE 8000	42.8	43.4	44.1	44.2	44.8	44.8	44.8	45.1	45.1	45.5	46.1	46.2	46.5	46.7	46.8	46.8	46.8
GE 7000	52.3	53.1	53.9	54.1	54.8	54.8	54.8	55.0	55.1	55.8	56.3	56.5	56.8	56.9	57.0	57.0	57.0
GE 6000	54.2	55.0	55.9	56.3	56.8	56.8	56.8	57.0	57.3	57.8	58.3	58.5	58.7	58.9	59.0	59.0	59.0
GE 5000	56.5	57.3	58.2	58.3	59.0	59.0	59.0	59.3	59.6	60.0	60.6	60.7	61.0	61.2	61.5	61.5	61.5
GE 4500	57.5	58.3	59.2	59.3	60.0	60.0	60.0	60.3	60.6	61.0	61.6	61.7	62.0	62.2	62.4	62.4	62.4
GE 4000	59.7	60.9	61.7	61.9	62.7	62.7	62.7	63.0	63.3	63.7	64.4	64.6	64.9	65.0	65.3	65.3	65.3
GE 3500	62.3	63.6	64.4	64.5	65.4	65.4	65.4	65.7	66.0	66.4	67.3	67.4	67.7	67.9	68.1	68.1	68.1
GE 3000	64.0	65.4	66.3	66.4	67.6	67.6	67.6	67.9	68.1	68.6	69.4	69.6	69.8	70.0	70.3	70.3	70.3
GE 2500	66.3	68.4	69.3	69.4	70.8	70.8	71.1	71.4	71.8	72.5	73.4	73.5	73.8	74.0	74.3	74.3	74.3
GE 2000	67.9	70.7	72.1	72.7	74.5	74.5	74.8	75.2	75.8	76.8	77.7	77.8	78.4	78.5	78.8	78.8	78.8
GE 1800	68.3	71.3	72.7	73.3	75.2	75.2	75.5	76.0	76.5	77.5	78.4	78.5	79.1	79.2	79.5	79.5	79.5
GE 1500	69.6	72.5	74.0	75.1	77.0	77.1	77.4	78.7	79.2	80.2	81.1	81.2	81.8	81.9	82.2	82.2	82.2
GE 1200	70.4	74.0	75.5	76.3	79.1	79.4	79.8	81.2	82.2	83.4	84.2	84.4	84.9	85.1	85.3	85.3	85.3
GE 1000	70.4	74.7	76.5	78.1	80.7	81.1	81.7	83.2	84.2	85.3	86.2	86.3	86.9	87.1	87.3	87.3	87.3
GE 900	70.7	75.1	77.8	79.4	81.9	82.5	83.1	84.9	85.9	87.2	88.1	88.2	88.8	88.9	89.2	89.2	89.2
GE 800	71.0	76.0	78.1	79.7	82.4	83.1	83.6	85.6	86.6	87.9	89.0	89.2	89.9	90.0	90.3	90.3	90.3
GE 700	71.7	76.7	78.9	80.5	83.4	84.2	85.1	87.1	88.2	89.9	91.0	91.2	91.9	92.0	92.3	92.3	92.3
GE 600	72.0	77.0	79.4	80.9	83.8	84.8	85.6	88.3	89.5	91.2	92.3	92.5	93.3	93.5	93.7	93.7	93.7
GE 500	72.0	77.2	79.7	81.4	84.4	85.3	86.2	89.3	90.5	92.3	93.5	93.6	94.5	94.6	94.9	94.9	94.9
GE 450	72.1	77.5	79.9	81.7	84.6	85.8	86.8	90.0	91.2	93.0	94.7	95.0	96.2	96.3	96.7	96.7	96.7
GE 400	72.1	77.5	79.9	81.7	84.6	85.8	86.8	90.2	91.3	93.2	95.4	96.0	97.7	98.0	98.4	98.6	98.6
GE 300	72.1	77.5	79.9	81.7	84.6	85.8	86.8	90.2	91.3	93.2	95.6	96.6	98.3	98.6	99.0	99.3	99.3
GE 200	72.1	77.5	79.9	81.7	84.6	85.8	86.8	90.3	91.5	93.3	95.7	96.7	98.4	98.7	99.3	99.7	99.7
GE 100	72.1	77.5	79.9	81.7	84.6	85.8	86.8	90.3	91.5	93.3	95.7	96.7	98.4	98.7	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 733

GLOBAL CLIMATOLOGY BRANCH  
USAF/CIAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702550 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 77-84  
MONTH: NOV HOUR(S)LT: 1800-2000

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11	12	13
NO CEILING	27.5	31.6	31.6	31.9	32.2	32.5	32.9	32.9	33.0	33.5	33.6	34.2	34.3	34.3	34.3	34.3	34.3	34.3
GE 20000	28.8	33.0	33.2	33.5	33.9	34.2	34.2	34.6	34.6	34.8	35.2	35.3	35.9	36.0	36.0	36.0	36.0	36.0
GE 18000	31.7	35.6	35.8	36.2	36.5	36.8	36.8	37.2	37.2	37.3	37.7	37.9	38.5	38.6	38.6	38.6	38.6	38.6
GE 16000	33.0	37.5	37.6	38.0	38.3	38.6	38.6	39.0	39.0	39.2	39.6	39.7	40.3	40.5	40.5	40.5	40.5	40.5
GE 14000	33.6	38.0	38.2	38.5	38.9	39.2	39.2	39.6	39.6	39.7	40.2	40.3	40.9	41.0	41.0	41.0	41.0	41.0
GE 12000	34.0	38.5	38.6	39.0	39.3	39.7	39.7	40.2	40.2	40.3	40.7	40.9	41.5	41.6	41.6	41.6	41.6	41.6
GE 10000	35.8	40.5	40.6	41.0	41.5	41.7	41.7	42.2	42.2	42.3	42.7	42.9	43.4	43.6	43.6	43.6	43.6	43.6
GE 9000	36.6	41.5	41.5	41.9	42.3	42.6	42.6	43.0	43.0	43.2	43.6	43.7	44.3	44.4	44.4	44.4	44.4	44.4
GE 8000	40.3	45.2	45.3	45.7	46.2	46.4	46.4	46.9	46.9	47.0	47.4	47.6	48.2	48.3	48.3	48.3	48.3	48.3
GE 7000	42.0	54.0	54.1	54.5	55.0	55.3	55.3	55.7	55.7	55.8	56.3	56.4	57.0	57.1	57.1	57.1	57.1	57.1
GE 6000	50.3	56.1	56.4	56.5	57.3	57.5	57.5	58.0	58.0	58.1	58.5	58.7	59.3	59.4	59.4	59.4	59.4	59.4
GE 5000	51.0	57.3	57.7	58.1	58.5	58.8	58.8	59.3	59.3	59.4	59.8	60.0	60.5	60.7	60.7	60.7	60.7	60.7
GE 4500	53.0	59.4	59.8	60.3	60.7	61.0	61.0	61.4	61.4	61.5	62.0	62.1	62.7	62.8	62.8	62.8	62.8	62.8
GE 4000	57.2	62.5	61.0	61.4	61.8	62.1	62.3	62.7	62.7	62.8	63.2	63.4	64.0	64.1	64.1	64.1	64.1	64.1
GE 3500	55.4	63.4	64.1	64.5	65.1	65.5	66.0	66.7	66.8	67.0	67.4	67.5	68.1	68.2	68.2	68.2	68.2	68.2
GE 3000	56.9	65.0	65.7	66.3	66.7	67.1	67.5	68.2	68.4	68.5	68.9	69.1	69.7	69.8	69.8	69.8	69.8	69.8
GE 2500	58.3	67.7	68.5	69.1	69.9	70.5	70.9	71.7	71.8	72.2	72.6	72.8	73.4	73.5	73.5	73.5	73.5	73.5
GE 2000	59.9	70.1	71.2	72.5	73.5	74.1	74.5	75.4	75.5	75.9	76.4	76.5	77.2	77.4	77.4	77.4	77.4	77.4
GE 1800	59.4	70.5	71.5	73.4	74.4	74.9	75.4	76.2	76.4	76.8	77.2	77.4	78.1	78.2	78.2	78.2	78.2	78.2
GE 1500	60.1	71.8	72.5	74.2	76.1	76.8	77.6	79.1	79.2	79.8	80.5	80.6	81.3	81.5	81.5	81.5	81.5	81.5
GE 1200	61.1	73.8	76.2	78.1	79.2	80.3	81.3	83.0	83.3	84.0	84.9	84.9	85.6	85.8	85.8	85.8	85.8	85.8
GE 1000	61.3	74.5	77.2	79.5	80.9	82.1	83.2	85.2	85.6	86.3	87.0	87.2	87.9	88.0	88.0	88.0	88.0	88.0
GE 900	61.5	75.2	78.3	80.5	82.1	83.2	84.3	86.8	87.2	88.3	89.0	89.2	89.9	90.0	90.0	90.0	90.0	90.0
GE 800	61.5	75.6	78.6	80.9	82.3	83.5	84.6	87.3	87.7	89.5	90.6	90.7	91.5	91.6	91.6	91.6	91.6	91.6
GE 700	61.7	75.5	78.9	81.3	82.8	83.9	85.0	88.0	88.5	90.6	91.9	92.0	92.7	92.9	92.9	92.9	92.9	92.9
GE 600	61.7	75.8	79.2	81.8	83.2	84.5	85.6	88.7	89.2	91.3	92.6	92.7	93.4	93.6	93.6	93.6	93.6	93.6
GE 500	61.7	75.9	79.3	81.9	83.3	84.8	85.9	89.2	89.6	92.0	93.4	93.6	94.6	94.7	94.7	94.7	94.7	94.7
GE 400	61.7	75.9	79.3	81.9	83.3	84.8	85.9	89.2	89.6	92.2	94.6	95.0	97.3	97.6	97.7	98.1	98.1	98.1
GE 300	61.7	75.9	79.3	81.9	83.3	84.8	85.9	89.3	89.7	92.3	94.9	95.3	97.7	98.1	98.3	98.7	98.7	98.7
GE 200	61.7	75.9	79.3	81.9	83.3	84.8	85.9	89.3	89.7	92.3	94.9	95.3	97.9	98.4	98.6	99.0	99.0	99.0
GE 100	61.7	75.9	79.3	81.9	83.3	84.8	85.9	89.3	89.7	92.3	94.9	95.3	97.9	98.4	98.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 722

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 77-84  
MONTH: NOV HOURS(151): 2100-2300

[illegible]

TOTAL NUMBER OF OBSERVATIONS: 710

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/ZMAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 70247 STATION NAME: SPARREVOHN AFS AR

PERIOD OF RECORD: 77-84

MONTH: NOV HOURS(LEST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 1/8	GE 0	
NO CELL	29.3	33.4	33.8	34.2	34.5	34.6	34.7	35.2	35.2	35.4	35.8	35.8	36.1	36.2	36.2	36.2	36.2	
GE 10000	70.9	70.9	35.4	35.8	36.1	36.2	36.3	36.8	36.8	37.0	37.4	37.4	37.7	37.8	37.8	37.8	37.8	
GE 10000	32.6	36.7	37.2	37.5	37.9	38.0	38.1	38.6	38.7	38.8	39.2	39.3	39.5	39.6	39.7	39.7	39.7	
GE 10000	38.7	38.3	38.8	39.2	39.5	39.6	39.7	40.2	40.3	40.4	40.8	40.9	41.1	41.3	41.3	41.3	41.3	
GE 14000	38.7	38.8	39.3	39.7	40.0	40.1	40.2	40.7	40.8	41.0	41.4	41.4	41.7	41.8	41.8	41.8	41.8	
GE 14000	35.3	39.4	40.0	40.4	40.7	40.8	40.9	41.4	41.5	41.7	42.1	42.2	42.4	42.6	42.6	42.6	42.6	
GE 10000	35.5	40.8	41.4	41.8	42.1	42.2	42.4	42.9	42.9	43.1	43.5	43.6	43.9	44.0	44.0	44.0	44.0	
GE 8000	37.2	41.8	42.5	42.9	43.1	43.3	43.4	43.9	44.0	44.2	44.6	44.7	45.0	45.1	45.1	45.1	45.1	
GE 8000	41.7	46.4	47.7	48.1	48.4	48.6	48.7	49.3	49.4	49.5	50.0	50.1	50.3	50.4	50.4	50.4	50.4	
GE 7000	43.2	48.1	55.1	55.5	55.8	56.0	56.1	56.7	56.9	57.0	57.5	57.6	57.8	57.9	58.0	58.0	58.0	
GE 6000	49.9	56.3	57.7	58.1	58.5	58.7	58.8	59.4	59.5	59.7	60.2	60.3	60.5	60.6	60.7	60.7	60.7	
GE 5000	51.7	58.4	59.5	60.1	60.4	60.6	60.7	61.3	61.4	61.6	62.1	62.2	62.4	62.5	62.6	62.6	62.6	
GE 4000	52.7	59.4	60.6	61.1	61.5	61.7	61.9	62.4	62.6	62.8	63.2	63.3	63.5	63.6	63.7	63.7	63.7	
GE 4000	54.7	61.4	62.6	63.1	63.6	63.8	63.9	64.5	64.7	64.8	65.3	65.4	65.6	65.8	65.8	65.8	65.8	
GE 3000	55.5	62.0	63.5	64.0	64.5	64.7	64.9	65.6	65.8	66.1	66.5	66.7	67.0	67.1	67.1	67.1	67.1	
GE 3000	57.1	64.7	66.4	66.9	67.4	67.6	67.8	68.4	68.6	68.8	69.3	69.4	69.7	69.8	69.8	69.8	69.8	
GE 2500	59.4	66.4	70.1	71.1	71.4	71.6	71.7	72.5	72.7	72.8	73.4	73.7	74.1	74.6	74.7	75.0	75.2	
GE 2500	59.9	70.4	72.6	73.7	74.9	75.4	76.0	77.0	77.3	77.8	78.4	78.5	78.8	78.9	79.0	79.0	79.0	
GE 1500	60.7	71.1	73.5	74.7	75.8	76.6	77.1	78.2	78.5	79.0	79.6	79.7	80.0	80.1	80.2	80.2	80.2	
GE 1500	61.1	72.9	75.6	77.2	78.9	79.6	80.4	81.8	82.2	82.7	83.3	83.4	83.8	83.9	84.0	84.0	84.0	
GE 1200	61.4	73.5	76.8	78.5	80.5	81.4	82.4	84.4	84.9	85.7	86.4	86.5	86.9	87.0	87.1	87.1	87.1	
GE 1000	63.7	74.8	77.7	79.5	81.4	82.8	84.1	86.4	86.9	87.8	88.4	88.5	88.9	89.0	89.1	89.1	89.1	
GE 900	64.2	75.2	78.4	80.3	82.6	83.7	85.1	87.5	88.2	89.2	89.9	90.0	90.4	90.6	90.7	90.7	90.7	
GE 800	62.3	75.5	78.7	80.7	83.0	84.1	85.7	88.3	89.0	90.3	91.2	91.4	91.8	92.0	92.1	92.1	92.1	
GE 700	62.4	75.7	79.0	81.0	83.3	84.5	86.1	88.9	89.8	91.3	92.6	92.7	93.2	93.4	93.4	93.4	93.4	
GE 600	62.4	75.8	79.1	81.2	83.6	84.8	86.4	89.5	90.3	91.9	93.4	93.6	94.1	94.3	94.4	94.4	94.4	
GE 500	62.4	75.9	79.2	81.3	83.7	85.0	86.6	89.8	90.7	92.4	94.0	94.2	94.9	95.1	95.2	95.2	95.2	
GE 400	62.5	76.0	79.3	81.4	83.8	85.1	86.8	90.1	90.9	92.7	95.5	95.7	97.0	97.2	97.5	97.5	97.5	
GE 300	62.5	76.0	79.3	81.4	83.8	85.1	86.8	90.1	91.0	92.9	96.0	96.3	98.2	98.4	98.7	98.8	98.8	
GE 200	62.5	76.0	79.3	81.4	83.8	85.1	86.8	90.1	91.0	92.9	96.1	96.6	98.6	98.9	99.1	99.3	99.3	
GE 100	62.5	76.0	79.3	81.4	83.8	85.1	86.8	90.2	91.0	92.9	96.1	96.6	98.7	99.1	99.4	99.7	99.7	
GE 0	62.5	76.0	79.3	81.4	83.8	85.1	86.8	90.2	91.0	92.9	96.1	96.6	98.7	99.1	99.5	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 5678



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(IST): 0000-0200

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEILING	30.5	40.9	41.8	42.5	42.9	43.2	44.3	44.7	44.9	45.7	46.3	46.3	47.8	47.9	47.9	47.9
GE 20000	51.0	41.6	42.5	43.2	43.6	43.9	44.9	45.3	45.6	46.4	47.0	47.0	48.4	48.6	48.6	48.6
GE 18000	52.0	42.5	43.5	44.1	44.5	44.8	45.9	46.3	46.6	47.4	47.9	47.9	49.4	49.5	49.5	49.5
GE 16000	52.3	43.2	44.1	44.8	45.2	45.5	46.6	47.0	47.2	48.0	48.6	48.6	50.1	50.2	50.2	50.2
GE 14000	52.7	43.6	44.5	45.2	45.6	45.9	47.0	47.4	47.6	48.4	49.0	49.0	50.5	50.6	50.6	50.6
GE 12000	52.9	43.9	44.8	45.5	45.9	46.2	47.2	47.6	47.9	48.7	49.3	49.3	50.7	50.9	50.9	50.9
GE 10000	53.6	45.1	46.0	46.7	47.1	47.4	48.4	48.9	49.1	49.9	50.5	50.5	52.0	52.1	52.1	52.1
GE 9000	54.5	46.2	47.1	47.8	48.3	48.6	49.7	50.1	50.3	51.1	51.7	51.7	53.2	53.3	53.3	53.3
GE 8000	57.4	47.9	51.0	52.5	52.9	53.2	54.3	54.7	54.9	55.7	56.3	56.3	57.8	57.9	57.9	57.9
GE 7000	42.5	57.5	59.2	61.3	61.8	62.1	63.3	63.7	64.0	64.8	65.3	65.3	66.8	66.9	66.9	66.9
GE 6000	43.7	59.9	61.8	63.5	64.4	64.6	66.0	66.4	66.7	67.5	68.0	68.0	69.5	69.6	69.6	69.6
GE 5000	44.9	62.9	64.8	66.5	67.3	67.6	69.0	69.4	69.6	70.4	71.0	71.0	72.5	72.6	72.6	72.6
GE 4500	45.2	64.0	65.9	67.5	68.4	68.7	70.0	70.4	70.7	71.5	72.1	72.1	73.5	73.7	73.7	73.7
GE 4000	46.0	65.5	67.5	69.2	70.0	70.3	71.7	72.1	72.3	73.1	73.7	73.7	75.2	75.3	75.3	75.3
GE 3500	46.6	66.7	68.7	70.4	71.3	71.5	72.9	73.3	73.5	74.4	74.9	74.9	76.4	76.5	76.5	76.5
GE 3000	46.7	67.7	69.9	71.4	73.0	73.4	74.9	75.3	75.6	76.4	76.9	76.9	78.4	78.5	78.5	78.5
GE 2500	47.8	70.2	72.2	74.3	76.0	76.4	78.0	78.8	79.1	79.9	80.6	80.6	82.1	82.2	82.2	82.2
GE 2000	48.2	71.3	73.4	76.3	77.6	78.1	80.2	81.0	81.2	82.1	82.7	82.7	84.2	84.3	84.3	84.3
GE 1800	48.2	71.7	74.1	76.7	78.3	78.8	81.0	81.9	82.2	83.0	83.7	83.7	85.2	85.3	85.3	85.3
GE 1600	48.2	72.1	74.6	77.3	79.9	79.6	81.9	83.3	83.5	84.3	85.0	85.0	86.5	86.6	86.6	86.6
GE 1400	48.6	73.1	76.0	78.9	81.0	81.8	84.2	86.6	86.9	87.7	88.5	88.5	90.0	90.1	90.1	90.1
GE 1000	48.7	74.1	76.9	80.1	82.5	83.4	85.8	88.5	88.8	89.6	90.4	90.4	92.3	92.4	92.4	92.4
GE 900	48.9	74.2	77.1	80.2	82.6	83.8	86.4	89.3	89.9	91.1	92.0	92.0	94.2	94.3	94.3	94.3
GE 800	48.9	74.5	77.5	80.5	83.0	84.6	87.4	90.6	91.1	92.6	94.1	94.1	96.5	96.6	96.6	96.6
GE 700	48.9	74.8	77.7	80.8	83.5	84.9	87.7	90.8	91.4	93.0	94.6	94.6	97.0	97.2	97.2	97.2
GE 600	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.5	95.3	95.3	97.8	98.0	98.0	98.0
GE 500	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.9	95.7	96.0	98.7	98.8	98.8	98.8
GE 400	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.9	95.8	96.1	99.2	99.3	99.3	99.3
GE 300	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.9	95.8	96.1	99.3	99.5	99.6	99.6
GE 200	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.9	95.8	96.1	99.3	99.5	99.7	100.0
GE 100	48.9	74.8	77.7	80.8	83.5	84.9	87.7	91.0	91.5	93.9	95.8	96.1	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-87  
MONTH: DEC HOURS(1ST): 0300-0500

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0
NO CEIL	31.3	42.9	44.4	45.5	46.6	46.7	47.2	47.9	47.9	49.3	49.3	49.3	49.7	49.7	49.7	49.7
GE 20000	31.4	43.5	44.9	46.2	47.2	47.4	47.9	48.6	48.6	49.0	49.9	49.9	50.3	50.3	50.3	50.3
GE 18000	33.1	44.8	46.3	47.5	48.6	48.7	49.3	49.9	49.9	50.3	51.3	51.3	51.7	51.7	51.7	51.7
GE 16000	33.1	45.2	46.7	47.9	49.0	49.1	49.7	50.3	50.3	50.7	51.7	51.7	52.1	52.1	52.1	52.1
GE 14000	33.2	45.5	47.0	48.2	49.3	49.4	49.9	50.6	50.6	51.0	52.0	52.0	52.4	52.4	52.4	52.4
GE 12000	33.3	45.7	47.2	48.4	49.5	49.7	50.2	50.9	50.9	51.3	52.2	52.2	52.6	52.6	52.6	52.6
GE 10000	34.0	46.7	48.2	49.4	50.5	50.6	51.1	51.8	51.8	52.2	53.2	53.2	53.6	53.6	53.6	53.6
GE 9000	34.7	47.9	49.4	50.7	51.8	52.0	52.5	53.2	53.2	53.6	54.6	54.6	54.9	54.9	54.9	54.9
GE 8000	36.0	51.0	52.9	54.7	55.9	56.0	56.5	57.2	57.2	57.6	58.6	58.6	59.0	59.0	59.0	59.0
GE 7000	40.1	57.9	60.1	62.1	63.3	63.4	64.1	64.9	64.9	65.5	66.4	66.4	66.8	66.8	66.8	66.8
GE 6000	42.2	61.5	64.0	66.3	67.2	67.3	68.0	68.8	68.8	69.4	70.3	70.3	70.7	70.7	70.7	70.7
GE 5000	43.7	64.1	66.5	68.5	69.8	69.9	70.6	71.4	71.4	71.9	72.9	72.9	73.3	73.3	73.3	73.3
GE 4500	43.7	65.2	67.6	69.5	70.9	71.0	71.7	72.5	72.5	73.0	74.0	74.0	74.4	74.4	74.4	74.4
GE 4000	44.9	66.8	69.4	71.4	72.6	73.0	73.7	74.5	74.5	75.0	76.0	76.0	76.4	76.4	76.4	76.4
GE 3500	45.6	68.2	70.9	72.9	74.1	74.5	75.2	76.0	76.0	76.5	77.5	77.5	77.9	77.9	77.9	77.9
GE 3000	46.2	69.4	72.1	74.5	76.0	76.5	77.2	78.1	78.1	78.7	79.6	79.6	80.0	80.0	80.0	80.0
GE 2500	46.7	70.9	73.8	76.2	78.4	79.1	80.2	81.2	81.2	81.8	82.7	82.7	83.1	83.1	83.1	83.1
GE 2000	47.0	71.8	75.0	78.1	79.6	80.6	82.2	83.8	83.8	84.3	85.3	85.3	85.7	85.7	85.7	85.7
GE 1800	47.1	71.9	75.2	78.3	79.8	80.7	82.6	84.2	84.2	84.8	85.7	85.7	86.1	86.1	86.1	86.1
GE 1600	47.4	72.3	75.7	79.5	81.5	82.7	84.9	86.6	86.6	87.2	88.5	88.5	89.2	89.2	89.2	89.2
GE 1400	47.8	73.7	77.1	81.4	83.8	85.2	87.9	90.3	90.3	91.0	92.4	92.4	93.1	93.1	93.1	93.1
GE 1200	47.8	74.0	77.7	82.1	84.6	86.1	89.2	91.8	91.8	92.4	94.1	94.1	94.7	94.7	94.7	94.7
GE 1000	47.8	74.1	77.9	82.3	84.9	86.5	89.6	92.3	92.4	93.3	95.4	95.4	96.4	96.4	96.4	96.4
GE 900	47.8	74.1	77.9	82.3	84.9	86.5	89.6	92.6	92.7	93.8	96.0	96.2	97.0	97.0	97.0	97.0
GE 800	47.8	74.2	78.0	82.5	85.2	86.8	89.9	92.8	93.0	94.3	96.6	96.9	97.8	97.8	97.8	97.8
GE 700	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 600	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 500	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 400	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 300	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 200	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 100	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	98.2
GE 0	47.8	74.4	78.1	82.5	85.3	86.9	90.0	93.0	93.1	94.6	96.9	97.2	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

REGIONAL CLIMATOLOGY BRANCH  
UNAFETAT  
AIR & ATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(UT): 0600-0800

CEILING FEET	VISIBILITY IN STATUTE MILES															
	GE 1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4
NO CEIL	39.9	44.5	45.5	46.2	46.6	47.0	47.2	48.9	49.0	49.5	49.9	50.1	50.3	50.3	50.3	50.3
GE 20000	74.8	44.9	45.9	46.5	47.0	47.4	47.6	49.3	49.4	50.1	50.5	50.6	50.9	50.9	50.9	50.9
GE 18000	35.5	45.9	47.0	47.5	48.0	48.4	48.7	50.3	50.5	51.1	51.6	51.7	52.0	52.0	52.0	52.0
GE 16000	35.5	46.0	47.1	47.3	48.2	48.6	48.9	50.5	50.6	51.3	51.7	51.8	52.1	52.1	52.1	52.1
GE 14000	35.5	46.0	47.1	47.3	48.2	48.6	48.9	50.5	50.6	51.3	51.7	51.8	52.1	52.1	52.1	52.1
GE 12000	35.8	46.3	47.4	48.3	48.4	48.9	49.1	50.7	50.9	51.6	52.0	52.1	52.4	52.4	52.4	52.4
GE 10000	36.2	47.2	48.3	49.3	49.4	49.8	50.1	51.7	51.8	52.5	52.9	53.0	53.3	53.3	53.3	53.3
GE 9000	37.2	48.3	49.4	50.1	50.5	50.9	51.1	52.8	52.9	53.6	54.0	54.1	54.4	54.4	54.4	54.4
GE 8000	39.1	52.0	53.2	53.3	54.8	55.2	55.7	57.4	57.5	58.2	58.6	58.7	59.0	59.0	59.0	59.0
GE 7000	44.1	59.1	60.5	61.3	62.2	62.6	63.3	65.0	65.2	65.9	66.3	66.4	66.7	66.7	66.7	66.7
GE 6000	45.5	61.0	62.6	63.4	64.6	65.0	65.7	67.5	67.6	68.4	69.0	69.1	69.4	69.4	69.4	69.4
GE 5000	46.7	63.3	64.9	65.7	66.9	67.3	68.0	69.8	69.9	70.7	71.3	71.4	71.7	71.7	71.7	71.7
GE 4500	47.8	64.9	66.5	67.3	68.6	69.0	69.6	71.4	71.5	72.3	72.9	73.3	73.5	73.5	73.5	73.5
GE 4000	48.9	67.1	68.8	69.6	70.9	71.3	71.9	73.7	73.8	74.6	75.2	75.6	75.8	75.8	75.8	75.8
GE 3500	49.7	68.6	70.3	71.1	72.5	73.0	73.7	75.4	75.6	76.4	76.9	77.3	77.6	77.6	77.6	77.6
GE 3000	50.7	70.0	71.8	73.1	74.6	75.2	76.0	77.7	77.9	78.7	79.2	79.8	80.0	80.0	80.0	80.0
GE 2500	50.9	71.5	73.5	75.5	77.2	77.7	78.8	80.6	80.7	81.5	82.1	82.6	82.9	82.9	82.9	82.9
GE 2000	51.1	72.3	74.8	76.9	78.5	79.5	80.6	82.7	82.9	83.7	84.2	84.8	85.0	85.0	85.0	85.0
GE 1800	51.1	72.6	75.0	77.3	79.1	80.0	81.4	83.5	83.7	84.5	85.0	85.6	85.8	85.8	85.8	85.8
GE 1600	51.4	73.8	76.5	79.5	81.9	83.4	85.7	87.9	88.0	88.8	89.3	89.9	90.3	90.3	90.3	90.3
GE 1400	51.9	74.5	77.5	80.3	83.3	84.8	87.7	90.1	90.1	91.1	91.9	92.4	93.0	93.0	93.0	93.0
GE 1200	51.6	75.4	78.5	81.9	84.5	86.0	89.3	91.9	92.3	93.3	94.3	94.9	95.4	95.4	95.4	95.4
GE 1000	51.6	75.4	78.5	82.1	84.6	86.1	89.5	92.4	92.8	94.1	95.4	96.0	96.5	96.5	96.6	96.6
GE 900	51.6	75.4	78.5	82.2	84.8	86.2	89.6	92.6	93.1	94.9	96.8	97.3	97.8	97.8	98.0	98.0
GE 800	51.6	75.6	78.7	82.3	84.9	86.4	89.9	92.8	93.4	95.3	97.2	97.7	98.4	98.4	98.5	98.5
GE 700	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 600	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 500	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 400	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 300	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 200	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 100	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1
GE 0	51.6	75.8	78.9	82.5	85.2	86.6	90.1	93.1	93.7	95.5	97.6	98.1	98.9	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS: 741

GLOBAL CLIMATOLOGY BRANCH  
USAF/ETC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AM

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS/EST: 0900-1100

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	10	6	5	4	3	2 1/2	2	1 1/2	1 1/4	1	3/4	5/8	1/2	5/16	1/4
NO CEIL	34.3	76.3	36.8	37.2	38.5	38.7	39.1	39.8	39.8	40.9	41.3	41.1	41.6	41.6	41.6	41.6
GE 20000	35.0	37.0	37.5	38.5	39.1	39.4	39.8	40.5	40.5	41.6	42.0	42.0	42.2	42.2	42.2	42.2
GE 18000	35.6	37.7	38.2	39.3	39.9	40.1	40.5	41.2	41.2	42.4	42.8	42.8	43.0	43.0	43.0	43.0
GE 16000	36.3	38.3	38.9	39.9	40.5	40.8	41.2	41.8	41.8	43.0	43.5	43.5	43.7	43.7	43.7	43.7
GE 14000	36.8	39.0	39.5	40.5	41.2	41.4	41.8	42.5	42.5	43.7	44.1	44.1	44.4	44.4	44.4	44.4
GE 12000	37.5	39.7	40.2	41.3	41.8	42.1	42.5	43.2	43.2	44.4	44.8	44.8	45.1	45.1	45.1	45.1
GE 10000	37.8	39.9	40.5	41.5	42.1	42.4	42.8	43.5	43.5	44.7	45.1	45.1	45.3	45.3	45.3	45.3
GE 9000	39.3	41.4	42.0	43.1	43.6	43.9	44.3	44.9	44.9	46.2	46.6	46.6	46.8	46.8	46.8	46.8
GE 8000	42.6	45.1	45.6	46.7	47.2	47.5	48.2	49.0	49.0	50.2	50.6	50.6	50.9	50.9	50.9	50.9
GE 7000	52.0	54.8	55.5	56.7	57.2	57.5	58.2	59.0	59.0	60.3	60.7	60.7	61.0	61.0	61.0	61.0
GE 6000	55.2	58.3	59.0	60.3	60.9	61.1	61.8	62.8	62.8	64.1	64.5	64.5	64.9	64.9	64.9	64.9
GE 5000	58.8	60.3	61.0	62.3	63.0	63.3	64.0	64.9	64.9	66.3	66.7	66.7	67.1	67.1	67.1	67.1
GE 4000	58.0	61.5	62.2	63.5	64.2	64.5	65.2	66.1	66.1	67.5	67.9	67.9	68.3	68.3	68.3	68.3
GE 3000	60.5	64.6	65.3	66.7	67.3	67.6	68.3	69.2	69.2	70.7	71.1	71.1	71.5	71.5	71.5	71.5
GE 2000	63.4	67.7	68.4	69.9	70.6	70.9	71.5	72.5	72.5	74.0	74.4	74.4	74.8	74.8	74.8	74.8
GE 1000	64.1	68.4	69.1	70.9	71.5	71.8	72.6	73.7	73.7	75.2	75.6	75.6	76.0	76.0	76.0	76.0
GE 2500	64.9	69.5	70.2	72.1	72.9	73.1	74.0	75.0	75.0	76.5	76.9	77.1	77.3	77.3	77.3	77.3
GE 2000	66.7	71.5	72.2	74.2	75.2	75.6	76.7	78.8	78.8	80.6	81.1	81.2	81.5	81.5	81.5	81.5
GE 1800	66.9	72.2	73.0	75.3	76.0	76.4	77.5	79.8	79.8	81.8	82.3	82.5	82.7	82.7	82.7	82.7
GE 1700	67.9	74.0	75.2	77.2	78.3	78.7	79.9	82.3	82.3	84.8	85.3	85.4	85.7	85.7	85.7	85.7
GE 1200	68.2	74.6	76.0	78.1	79.4	79.8	81.0	84.1	84.1	86.6	87.4	87.6	87.9	87.9	87.9	87.9
GE 1000	68.6	75.3	76.8	78.9	80.2	80.7	82.3	85.8	85.8	88.7	89.6	89.6	90.0	90.0	90.0	90.0
GE 900	69.1	75.8	77.3	79.5	81.0	81.5	83.1	86.8	86.8	89.7	90.7	90.8	91.2	91.2	91.2	91.2
GE 800	69.5	77.1	78.5	81.3	82.3	82.9	84.6	88.4	88.4	91.9	93.0	93.1	93.7	93.8	93.8	93.8
GE 700	69.5	77.1	78.5	81.3	82.3	82.9	84.6	88.5	88.9	92.6	94.1	94.2	94.7	94.9	94.9	94.9
GE 600	69.5	77.1	78.5	81.3	82.3	83.0	84.8	88.8	89.3	93.3	95.0	95.1	95.8	96.0	96.0	96.0
GE 500	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.0	94.1	95.0	95.1	97.0	97.2	97.2	97.2
GE 400	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.3	94.3	97.0	97.2	98.1	98.2	98.2	98.2
GE 300	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.3	94.3	97.2	97.4	98.8	98.9	99.1	99.2
GE 200	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.3	94.3	97.3	97.6	98.9	99.1	99.2	99.5
GE 100	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.3	94.3	97.3	97.6	99.1	99.2	99.5	99.7
GE 0	69.5	77.2	78.7	81.1	82.6	83.3	85.0	89.2	90.3	94.3	97.3	97.6	99.1	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 741

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(DST): 1200-1400

CELL 106			VISIBILITY IN STATUTE MILES															
1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	
1/4	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3	3 1/4	3 1/2	3 3/4	4	4 1/4	4 1/2	
50	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
51	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
52	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
53	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
54	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
55	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
56	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
57	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
58	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
59	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
60	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
61	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
62	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
63	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
64	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
65	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
66	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
67	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
68	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
69	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
70	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
71	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	
72	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	

TOTAL NUMBER OF OBSERVATIONS: 744

JOURNAL CLIMATE/CLIMATE BRANCH  
 CLIMATE  
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPANREVOHN AFS AK

PERIOD OF RECORD: 76-83  
 MONTH: DEC HOURS(EST): 1500-1700

CEILING FEET	VISIBILITY IN STATUTE MILES																	
	1	1/8	1/4	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
5000	33.2	33.2	33.2	33.2	34.1	34.3	34.5	34.7	35.4	35.9	35.9	35.9	35.9	36.2	36.2	36.3	36.3	
4000	34.2	34.3	35.0	35.3	35.2	35.4	35.6	35.8	36.6	37.1	37.1	37.1	37.1	37.4	37.4	37.5	37.5	
3000	36.0	36.0	36.8	36.8	37.1	37.2	37.5	37.7	38.5	39.0	39.0	39.0	39.0	39.3	39.3	39.4	39.4	
2000	36.7	37.5	37.5	37.5	37.8	37.9	38.2	38.3	39.1	39.7	39.7	39.7	39.7	39.9	39.9	40.1	40.1	
1000	38.2	39.0	39.3	39.3	39.5	39.4	39.7	39.8	40.6	41.2	41.2	41.2	41.2	41.4	41.4	41.6	41.6	
500	40.8	41.0	41.5	41.8	42.0	42.2	42.4	43.2	43.7	43.7	43.7	43.7	43.7	44.0	44.0	44.1	44.1	
100	41.8	42.6	42.6	42.9	43.0	43.3	43.5	44.3	44.8	44.8	44.8	44.8	44.8	45.1	45.1	45.2	45.2	
0	42.5	43.3	43.3	43.6	43.7	44.0	44.1	44.9	45.5	45.5	45.5	45.5	45.5	45.7	45.7	45.9	45.9	
0	43.5	44.3	44.2	44.4	44.6	44.8	45.0	45.8	46.3	46.3	46.3	46.3	46.3	46.6	46.6	46.7	46.7	
0	44.8	44.8	44.7	44.7	44.9	45.1	45.3	45.6	46.4	47.0	47.0	47.0	47.0	47.2	47.2	47.4	47.4	
0	45.9	46.7	46.7	47.3	47.2	47.4	47.6	47.9	48.7	49.2	49.2	49.2	49.2	49.5	49.5	49.6	49.6	
0	48.3	48.3	48.4	48.6	48.6	48.8	49.0	49.2	49.9	50.4	50.4	50.4	50.4	50.7	50.7	50.8	50.8	
0	49.1	49.1	49.2	49.5	49.5	49.8	50.0	50.2	50.9	51.4	51.4	51.4	51.4	51.7	51.7	51.8	51.8	
0	50.1	50.1	50.2	50.5	50.5	50.8	51.0	51.2	51.9	52.4	52.4	52.4	52.4	52.7	52.7	52.8	52.8	
0	51.1	51.1	51.2	51.5	51.5	51.8	52.0	52.2	52.9	53.4	53.4	53.4	53.4	53.7	53.7	53.8	53.8	
0	52.1	52.1	52.2	52.5	52.5	52.8	53.0	53.2	53.9	54.4	54.4	54.4	54.4	54.7	54.7	54.8	54.8	
0	53.1	53.1	53.2	53.5	53.5	53.8	54.0	54.2	54.9	55.4	55.4	55.4	55.4	55.7	55.7	55.8	55.8	
0	54.1	54.1	54.2	54.5	54.5	54.8	55.0	55.2	55.9	56.4	56.4	56.4	56.4	56.7	56.7	56.8	56.8	
0	55.1	55.1	55.2	55.5	55.5	55.8	56.0	56.2	56.9	57.4	57.4	57.4	57.4	57.7	57.7	57.8	57.8	
0	56.1	56.1	56.2	56.5	56.5	56.8	57.0	57.2	57.9	58.4	58.4	58.4	58.4	58.7	58.7	58.8	58.8	
0	57.1	57.1	57.2	57.5	57.5	57.8	58.0	58.2	58.9	59.4	59.4	59.4	59.4	59.7	59.7	59.8	59.8	
0	58.1	58.1	58.2	58.5	58.5	58.8	59.0	59.2	59.9	60.4	60.4	60.4	60.4	60.7	60.7	60.8	60.8	
0	59.1	59.1	59.2	59.5	59.5	59.8	60.0	60.2	60.9	61.4	61.4	61.4	61.4	61.7	61.7	61.8	61.8	
0	60.1	60.1	60.2	60.5	60.5	60.8	61.0	61.2	61.9	62.4	62.4	62.4	62.4	62.7	62.7	62.8	62.8	
0	61.1	61.1	61.2	61.5	61.5	61.8	62.0	62.2	62.9	63.4	63.4	63.4	63.4	63.7	63.7	63.8	63.8	
0	62.1	62.1	62.2	62.5	62.5	62.8	63.0	63.2	63.9	64.4	64.4	64.4	64.4	64.7	64.7	64.8	64.8	
0	63.1	63.1	63.2	63.5	63.5	63.8	64.0	64.2	64.9	65.4	65.4	65.4	65.4	65.7	65.7	65.8	65.8	
0	64.1	64.1	64.2	64.5	64.5	64.8	65.0	65.2	65.9	66.4	66.4	66.4	66.4	66.7	66.7	66.8	66.8	
0	65.1	65.1	65.2	65.5	65.5	65.8	66.0	66.2	66.9	67.4	67.4	67.4	67.4	67.7	67.7	67.8	67.8	
0	66.1	66.1	66.2	66.5	66.5	66.8	67.0	67.2	67.9	68.4	68.4	68.4	68.4	68.7	68.7	68.8	68.8	
0	67.1	67.1	67.2	67.5	67.5	67.8	68.0	68.2	68.9	69.4	69.4	69.4	69.4	69.7	69.7	69.8	69.8	
0	68.1	68.1	68.2	68.5	68.5	68.8	69.0	69.2	69.9	70.4	70.4	70.4	70.4	70.7	70.7	70.8	70.8	
0	69.1	69.1	69.2	69.5	69.5	69.8	70.0	70.2	70.9	71.4	71.4	71.4	71.4	71.7	71.7	71.8	71.8	
0	70.1	70.1	70.2	70.5	70.5	70.8	71.0	71.2	71.9	72.4	72.4	72.4	72.4	72.7	72.7	72.8	72.8	
0	71.1	71.1	71.2	71.5	71.5	71.8	72.0	72.2	72.9	73.4	73.4	73.4	73.4	73.7	73.7	73.8	73.8	
0	72.1	72.1	72.2	72.5	72.5	72.8	73.0	73.2	73.9	74.4	74.4	74.4	74.4	74.7	74.7	74.8	74.8	
0	73.1	73.1	73.2	73.5	73.5	73.8	74.0	74.2	74.9	75.4	75.4	75.4	75.4	75.7	75.7	75.8	75.8	
0	74.1	74.1	74.2	74.5	74.5	74.8	75.0	75.2	75.9	76.4	76.4	76.4	76.4	76.7	76.7	76.8	76.8	
0	75.1	75.1	75.2	75.5	75.5	75.8	76.0	76.2	76.9	77.4	77.4	77.4	77.4	77.7	77.7	77.8	77.8	
0	76.1	76.1	76.2	76.5	76.5	76.8	77.0	77.2	77.9	78.4	78.4	78.4	78.4	78.7	78.7	78.8	78.8	
0	77.1	77.1	77.2	77.5	77.5	77.8	78.0	78.2	78.9	79.4	79.4	79.4	79.4	79.7	79.7	79.8	79.8	
0	78.1	78.1	78.2	78.5	78.5	78.8	79.0	79.2	79.9	80.4	80.4	80.4	80.4	80.7	80.7	80.8	80.8	
0	79.1	79.1	79.2	79.5	79.5	79.8	80.0	80.2	80.9	81.4	81.4	81.4	81.4	81.7	81.7	81.8	81.8	
0	80.1	80.1	80.2	80.5	80.5	80.8	81.0	81.2	81.9	82.4	82.4	82.4	82.4	82.7	82.7	82.8	82.8	
0	81.1	81.1	81.2	81.5	81.5	81.8	82.0	82.2	82.9	83.4	83.4	83.4	83.4	83.7	83.7	83.8	83.8	
0	82.1	82.1	82.2	82.5	82.5	82.8	83.0	83.2	83.9	84.4	84.4	84.4	84.4	84.7	84.7	84.8	84.8	
0	83.1	83.1	83.2	83.5	83.5	83.8	84.0	84.2	84.9	85.4	85.4	85.4	85.4	85.7	85.7	85.8	85.8	
0	84.1	84.1	84.2	84.5	84.5	84.8	85.0	85.2	85.9	86.4	86.4	86.4	86.4	86.7	86.7	86.8	86.8	
0	85.1	85.1	85.2	85.5	85.5	85.8	86.0	86.2	86.9	87.4	87.4	87.4	87.4	87.7	87.7	87.8	87.8	
0	86.1	86.1	86.2	86.5	86.5	86.8	87.0	87.2	87.9	88.4	88.4	88.4	88.4	88.7	88.7	88.8	88.8	
0	87.1	87.1	87.2	87.5	87.5	87.8	88.0	88.2	88.9	89.4	89.4	89.4	89.4	89.7	89.7	89.8	89.8	
0	88.1	88.1	88.2	88.5	88.5	88.8	89.0	89.2	89.9	90.4	90.4	90.4	90.4	90.7	90.7	90.8	90.8	
0	89.1	89.1	89.2	89.5	89.5	89.8	90.0	90.2	90.9	91.4	91.4	91.4	91.4	91.7	91.7	91.8	91.8	
0	90.1	90.1	90.2	90.5	90.5	90.8	91.0	91.2	91.9	92.4	92.4	92.4	92.4	92.7	92.7	92.8	92.8	
0	91.1	91.1	91.2	91.5	91.5	91.8	92.0	92.2	92.9	93.4	93.4	93.4	93.4	93.7	93.7	93.8	93.8	
0	92.1	92.1	92.2	92.5	92.5	92.8	93.0	93.2	93.9	94.4	94.4	94.4	94.4	94.7	94.7	94.8	94.8	
0	93.1	93.1	93.2	93.5	93.5	93.8	94.0	94.2	94.9	95.4	95.4	95.4	95.4	95.7	95.7	95.8	95.8	
0	94.1	94.1	94.2	94.5	94.5	94.8	95.0	95.2	95.9	96.4	96.4	96.4	96.4	96.7	96.7	96.8	96.8	
0	95.1	95.1	95.2	95.5	95.5	95.8	96.0	96.2	96.9	97.4	97.4	97.4	97.4	97.7	97.7	97.8	97.8	
0	96.1	96.1	96.2	96.5	96.5	96.8	97.0	97.2	97.9	98.4	98.4	98.4	98.4	98.7	98.7	98.8	98.8	
0	97.1	97.1	97.2	97.5	97.5	97.8	98.0	98.2	98.9	99.4	99.4	99.4	99.4	99.7	99.7	99.8	99.8	
0	98.1	98.1	98.2	98.5	98.5	98.8	99.0	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

TOTAL NUMBER OF OBSERVATIONS: 741

## SKY COVER

77-84

SEP

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

[illegible]

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE /MAC

# SKY COVER

702351 SPARRFVONN AFS AK

77-84

AUG

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MONTH	DATE	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL	HOURS
		1	2	3	4	5	6	7	8	9	10		
AUG	01-02	1.4		21.2						22.3	47.1	7.3	744
	03-04	7.6		16.4						27.3	46.4	7.6	744
	06-08	3.8		19.4						32.0	45.0	8.0	744
	09-11	3.5		16.2						35.1	45.2	8.2	743
	12-14	1.4		14.1						33.7	50.8	8.5	744
	15-17	1.1		13.6						39.4	46.0	8.5	744
	18-20	1.5		16.7						39.8	42.1	8.3	744
	21-23	4.7		20.7						23.9	45.7	7.8	744
TOTALS		17.5		17.5						32.3	46.0	8.0	5951



## SKY COVER

JUL

MONTH	HOURS LOC.	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									TOTAL TENTHS	P.P.		
		0	1	2	3	4	5	6	7	8			9	
JUL	00-02	.0			16.5						27.8	51.7	8.3	744
	03-05	1.1			19.9						28.1	50.9	8.2	744
	06-08	1.2			17.2						32.5	49.1	8.3	744
	09-11	.7			13.2						36.7	51.1	8.7	744
	12-14				6.0						40.3	50.8	9.7	744
	15-17				6.7						43.0	50.3	9.1	744
	18-20	.1			12.5						38.2	49.2	8.7	681
	21-23	.3			17.8						32.6	48.7	8.3	772
TOTALS		.5			14.3						34.8	50.2	P.F.	5847

## SKY COVER

JUN

[illegible]

## SKY COVER

77-84

MAY

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											
		0	1	2	3	4	5	6	7	8		9	10
MAY	00-02	1.7			27.3					29.2	35.4	6.9	744
	03-05	5.9			23.6					33.1	39.5	7.6	744
	06-08	4.2			20.5					36.5	38.9	7.9	743
	09-11	2.3			16.4					37.8	43.5	8.2	744
	12-14	2.3			6.8					44.2	44.5	6.7	744
	15-17	2.3			5.7					40.1	47.4	8.6	744
	18-20	3.0			16.5					38.3	42.2	8.2	744
	21-23	5.4			23.3					27.8	43.0	7.5	744
TOTALS		4.7			18.2					35.8	41.5	7.0	5951

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE /MAC

# SKY COVER

702350 SPARKEVOHN AFS AK

77-84

APR

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	0	1	2	3	4	5	6	7	8	9	10	11	12
APR	00-02	26.7				14.3					16.3	38.9	5.9	72.0
	03-05	21.4				16.4					15.8	46.4	6.6	72.0
	06-08	11.7				19.2					24.0	45.1	7.3	72.0
	09-11	11.5				21.1					24.3	44.1	7.2	72.0
	12-14	9.6				19.2					27.8	43.5	7.4	72.0
	15-17	9.0				19.4					29.2	42.4	7.4	72.0
	18-20	13.1				20.7					26.5	39.7	7.8	72.0
	21-23	18.2				22.6					19.8	39.4	6.3	72.0
TOTALS		14.2				19.6					22.8	42.4	6.9	576.0

## SKY COVER

MAR

MONTH	1	2	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER								TOTAL	
			3	4	5	6	7	8	9	10		
MA 10-12	24.2		15.8						13.0	46.7	6.3	733
13-15	23.3		15.1						14.1	47.5	6.5	733
16-18	11.0		17.2						20.9	40.9	7.3	738
19-11	11.0		17.8						31.8	39.4	7.3	743
12-14	9.6		15.8						20.9	44.7	7.6	742
15-17	8.9		13.1						27.5	50.5	7.9	741
18-20	10.0		15.3						30.0	44.6	7.6	721
21-23	18.6		17.6						21.4	42.4	6.7	720
TOTALS	14.7		16.0						24.7	44.6	7.2	5871

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

772350 SPARREMOHN AFS AK

77-84

FEB

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF OCCURRENCE FROM MONTHLY TOTALS										TOTAL OBSERVATIONS		
		0	1	2	3	4	5	6	7	8	9		10	
FEB	01-02	32.4			14.6						14.0	39.0	5.6	657
	03-05	33.9			15.4						13.2	37.4	5.4	657
	06-08	24.9			20.7						20.4	34.0	5.9	658
	09-11	18.3			21.0						25.0	35.7	6.5	667
	12-14	19.1			15.5						26.3	39.1	6.7	670
	15-17	18.3			18.3						26.0	37.5	6.6	662
	18-20	24.1			20.0						17.6	38.2	6.0	584
	21-23	31.4			17.0						15.3	36.3	5.5	606
TOTALS		27.5			17.8						19.7	37.2	6.0	5161

## SKY COVER

JAN

52-1544

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											
		0	1	2	3	4	5	6	7	8		9	
JAN	10-02	21.5			14.5					17.1	30.9	6.1	709
	13-05	27.1			16.5					18.5	41.1	6.5	716
	16-08	21.4			18.1					21.7	38.9	6.4	720
	19-11	17.2			18.0					27.0	42.7	7.2	721
	12-14	0.4			16.5					30.3	43.4	7.6	715
	15-17	11.3			21.5					23.5	44.8	7.2	648
	18-20	22.7			19.2					16.9	41.2	6.2	639
	21-23	20.7			17.0					16.4	37.9	5.8	663
TOTALS		20.2			17.5					21.1	41.2	6.6	5531

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by the method of Arar and Johnson (1977).

1. The first group of people, with whom  
I have been in contact, are the people who  
are in the "black" area of the city.

... ..

19.  $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

[illegible]

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JAN 10 1957

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GLOBAL CLIMATOLOGY BRANCH  
USAF/ETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702450 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-84  
MONTH: ALL HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	1/2	1/4	1/8	1/16	1/32	1/64	1/128	1/256	1/512	1/1024	1/2048	1/4096	1/8192	1/16384	1/32768	1/65536	0
NO CEIL	30.2	33.0	33.3	33.5	33.7	33.8	33.9	34.1	34.1	34.2	34.4	34.5	34.6	34.6	34.6	34.7		
GE 20000	32.1	35.3	35.6	35.9	36.0	36.1	36.2	36.4	36.4	36.5	36.7	36.7	36.9	36.9	36.9	36.9		
GE 18000	33.2	36.9	37.2	37.4	37.6	37.7	37.8	38.0	38.0	38.1	38.3	38.4	38.5	38.5	38.6	38.6		
GE 16000	34.2	37.7	38.0	38.3	38.4	38.6	38.7	38.8	38.9	39.0	39.2	39.2	39.4	39.4	39.4	39.4		
GE 14000	35.3	38.5	38.6	38.8	39.0	39.1	39.2	39.4	39.5	39.6	39.8	39.8	39.9	40.0	40.0	40.0		
GE 12000	36.2	39.2	39.5	39.9	40.0	40.1	40.2	40.4	40.4	40.5	40.7	40.8	40.9	40.9	41.0	41.0		
GE 10000	37.6	40.8	41.2	41.4	41.6	41.7	41.8	42.0	42.1	42.2	42.4	42.4	42.5	42.6	42.6	42.6		
GE 8000	39.4	41.7	42.1	42.3	42.5	42.6	42.7	42.9	43.0	43.1	43.3	43.3	43.5	43.5	43.5	43.6		
GE 6000	42.4	46.1	46.5	46.8	47.0	47.1	47.3	47.5	47.5	47.6	47.8	47.9	48.0	48.0	48.1	48.1		
GE 4000	48.8	53.0	53.5	53.9	54.1	54.3	54.4	54.7	54.7	54.8	55.0	55.1	55.2	55.2	55.3	55.3		
GE 2000	50.6	55.1	55.7	56.0	56.3	56.5	56.6	56.9	56.9	57.0	57.3	57.3	57.4	57.5	57.5	57.5		
GE 1000	52.9	57.8	58.4	58.8	59.1	59.3	59.4	59.7	59.7	59.9	60.1	60.1	60.3	60.3	60.3	60.3		
GE 800	54.2	59.3	59.9	60.3	60.6	60.8	60.9	61.2	61.3	61.4	61.6	61.6	61.9	61.8	61.8	61.9		
GE 600	56.6	62.1	62.7	63.2	63.5	63.7	63.8	64.1	64.2	64.3	64.5	64.6	64.7	64.8	64.8	64.8		
GE 400	59.5	65.5	66.2	66.7	67.1	67.3	67.5	67.8	67.8	68.0	68.2	68.2	68.4	68.4	68.5	68.5		
GE 300	61.8	68.2	69.0	69.6	70.1	70.3	70.5	70.9	70.9	71.1	71.3	71.3	71.5	71.6	71.6	71.6		
GE 250	64.6	71.5	72.4	73.1	73.8	74.0	74.3	74.7	74.8	74.9	75.2	75.2	75.4	75.4	75.5	75.5		
GE 200	67.6	74.9	76.1	76.9	77.7	78.0	78.4	78.9	79.1	79.2	79.5	79.5	79.7	79.8	79.8	79.8		
GE 180	68.9	75.9	77.2	78.1	78.9	79.3	79.7	80.3	80.4	80.6	80.9	80.9	81.1	81.1	81.2	81.2		
GE 160	70.4	78.6	80.2	81.5	82.4	82.8	83.4	84.1	84.3	84.5	84.8	84.8	85.0	85.0	85.1	85.1		
GE 140	71.9	80.3	82.1	83.4	84.7	85.2	85.9	86.8	87.0	87.3	87.6	87.7	87.9	87.9	88.0	88.0		
GE 120	72.0	81.4	83.4	84.3	86.2	86.8	87.6	88.7	88.9	89.4	89.7	89.7	90.0	90.1	90.1	90.1		
GE 100	72.4	82.1	84.1	85.5	87.1	87.8	88.7	89.9	90.1	90.7	91.1	91.2	91.5	91.5	91.5	91.6		
GE 80	72.6	82.5	84.7	86.2	87.9	88.5	89.5	90.9	91.2	91.8	92.3	92.4	92.7	92.8	92.8	92.8		
GE 60	72.8	82.8	85.1	86.7	88.4	89.1	90.1	91.6	91.9	92.6	93.3	93.4	93.7	93.8	93.8	93.9		
GE 40	72.9	83.1	85.4	87.0	88.8	89.5	90.7	92.2	92.5	93.4	94.2	94.3	94.7	94.8	94.8	94.9		
GE 30	72.9	83.3	85.7	87.3	89.2	90.0	91.2	92.9	93.3	94.3	95.2	95.3	95.9	95.9	96.1	96.1		
GE 20	73.0	83.5	85.9	87.5	89.6	90.4	91.7	93.5	93.9	95.1	96.6	96.7	97.5	97.6	97.7	97.8		
GE 10	73.0	83.5	85.9	87.7	89.7	90.5	91.9	93.8	94.2	95.4	97.2	97.4	98.4	98.5	98.7	98.8		
GE 5	73.0	83.5	85.9	87.7	89.7	90.5	91.9	93.8	94.2	95.6	97.5	97.7	98.9	99.0	99.3	99.4		
GE 1	73.0	83.5	85.9	87.7	89.7	90.5	91.9	93.8	94.3	95.6	97.5	97.7	99.0	99.2	99.6	100.0		

TOTAL NUMBER OF OBSERVATIONS: 6955

GENERAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702350 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 75-87  
MONTH: DEC HOURS(EST): ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES																	
	1	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 0	
NO CELL	30.9	38.6	39.5	40.1	40.7	40.9	41.3	42.1	42.4	42.9	43.3	43.4	43.8	43.9	43.9	43.9		
GE 20000	31.7	39.5	40.4	41.0	41.6	41.8	42.2	43.0	43.3	43.8	44.2	44.4	44.7	44.8	44.8	44.8		
GE 18000	32.7	40.7	41.6	42.2	42.8	43.0	43.5	44.2	44.5	45.1	45.5	45.6	46.0	46.0	46.0	46.0		
GE 16000	33.1	41.2	42.2	42.9	43.3	43.5	44.0	44.8	45.1	45.6	46.0	46.2	46.5	46.6	46.6	46.6		
GE 14000	33.9	42.1	43.0	43.7	44.2	44.4	44.9	45.6	46.0	46.5	46.9	47.1	47.4	47.5	47.5	47.5		
GE 12000	34.9	43.1	44.1	44.7	45.2	45.4	45.9	46.6	47.0	47.5	47.9	48.1	48.4	48.5	48.5	48.5		
GE 10000	35.7	44.1	45.1	45.7	46.2	46.4	46.9	47.6	48.0	48.5	48.9	49.1	49.4	49.5	49.5	49.5		
GE 9000	36.5	45.1	46.0	46.7	47.3	47.5	47.9	48.7	49.0	49.6	50.0	50.1	50.5	50.5	50.5	50.5		
GE 8000	39.1	48.7	49.7	50.5	51.3	51.5	52.0	52.8	53.1	53.6	54.1	54.2	54.5	54.6	54.6	54.6		
GE 7000	45.6	56.8	58.1	59.2	59.9	60.2	60.8	61.6	61.9	62.5	62.9	63.0	63.4	63.4	63.4	63.4		
GE 6000	47.5	59.4	60.9	62.3	62.8	63.0	63.7	64.5	64.8	65.4	65.9	66.0	66.4	66.4	66.4	66.4		
GE 5000	48.8	61.6	63.1	64.2	65.0	65.3	66.0	66.8	67.2	67.8	68.2	68.4	68.7	68.8	68.8	68.8		
GE 4500	49.3	62.4	63.9	65.1	65.9	66.1	66.9	67.7	68.1	68.7	69.1	69.3	69.7	69.7	69.7	69.7		
GE 4000	50.9	64.6	66.2	67.4	68.2	68.5	69.2	70.1	70.4	71.1	71.5	71.7	72.0	72.1	72.1	72.1		
GE 3500	52.5	66.7	68.3	69.5	70.3	70.7	71.4	72.3	72.7	73.3	73.7	73.9	74.3	74.3	74.3	74.3		
GE 3000	53.3	68.0	69.7	71.1	72.1	72.5	73.3	74.3	74.7	75.3	75.8	75.9	76.3	76.4	76.4	76.4		
GE 2500	54.1	69.5	71.3	73.3	74.1	74.5	75.5	76.6	77.0	77.6	78.1	78.2	78.6	78.7	78.7	78.7		
GE 2000	54.9	70.9	72.8	74.9	76.1	76.8	78.2	79.6	80.1	80.8	81.2	81.4	81.8	81.8	81.8	81.8		
GE 1800	55.1	71.5	73.5	75.5	76.9	77.6	79.1	80.8	81.2	81.9	82.4	82.6	83.0	83.0	83.0	83.0		
GE 1500	55.8	72.9	75.3	77.5	79.2	80.1	81.9	83.7	84.2	85.1	85.6	85.8	86.2	86.2	86.2	86.2		
GE 1200	56.1	73.9	76.5	78.9	81.0	81.9	83.9	86.3	86.7	87.8	88.4	88.6	89.1	89.2	89.2	89.2		
GE 1000	56.3	74.7	77.5	80.3	82.2	83.3	85.5	88.1	88.7	89.8	90.6	90.8	91.4	91.5	91.5	91.5		
GE 900	56.5	75.0	77.9	80.4	82.7	83.9	86.3	89.1	89.8	91.1	92.1	92.4	93.0	93.1	93.1	93.1		
GE 800	56.7	75.4	78.3	80.9	83.3	84.6	87.0	90.0	90.7	92.3	93.5	93.7	94.5	94.6	94.7	94.7		
GE 700	56.8	75.5	78.4	81.1	83.5	84.8	87.3	90.3	91.1	92.8	94.7	94.4	95.2	95.3	95.4	95.4		
GE 600	56.8	75.6	78.5	81.1	83.6	84.9	87.4	90.6	91.4	93.4	94.9	95.1	96.2	96.3	96.4	96.4		
GE 500	56.8	75.7	78.6	81.2	83.7	85.0	87.5	90.8	91.7	94.1	95.7	96.0	97.2	97.3	97.5	97.5		
GE 400	56.8	75.7	78.6	81.3	83.8	85.1	87.6	90.9	92.0	94.5	96.8	97.0	98.5	98.6	98.8	98.8		
GE 300	56.8	75.7	78.6	81.3	83.8	85.1	87.6	91.0	92.0	94.6	97.0	97.3	99.0	99.1	99.4	99.4		
GE 200	56.8	75.7	78.6	81.3	83.8	85.1	87.6	91.0	92.0	94.7	97.2	97.5	99.3	99.4	99.7	99.8		
GE 100	56.8	75.7	78.6	81.3	83.8	85.1	87.6	91.0	92.0	94.7	97.2	97.5	99.4	99.4	99.8	100.0		
GE 0	56.8	75.7	78.6	81.3	83.8	85.1	87.6	91.0	92.0	94.7	97.2	97.5	99.4	99.4	99.8	100.0		

TOTAL NUMBER OF OBSERVATIONS: 5870

GLOBAL CLIMATOLOGY BRANCH  
USAF/ATC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-83  
MONTH: DEC HOURS(EST): 2100-2300

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 10	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 5/16	GE 1/4	GE 3
NO CEIL	29.7	41.3	42.2	42.5	43.0	43.3	43.9	45.0	45.5	45.7	45.9	46.8	46.8	46.9	46.9	46.9
GE 20000	30.6	42.3	43.2	43.4	44.0	44.3	44.8	45.9	46.5	46.6	46.9	47.8	47.8	47.9	47.9	47.9
GE 18000	32.0	44.0	44.8	45.1	45.7	45.9	46.5	47.6	48.2	48.3	48.6	49.4	49.4	49.6	49.6	49.6
GE 16000	32.7	44.8	45.7	45.9	46.5	46.8	47.3	48.5	49.0	49.2	49.4	50.3	50.3	50.4	50.4	50.4
GE 14000	33.7	46.1	46.9	47.2	47.9	48.2	48.7	49.9	50.4	50.6	50.8	51.7	51.7	51.8	51.8	51.8
GE 12000	34.4	46.8	47.6	47.9	48.6	48.9	49.4	50.6	51.1	51.3	51.5	52.4	52.4	52.5	52.5	52.5
GE 10000	35.5	47.9	48.7	49.3	49.7	50.0	50.6	51.7	52.2	52.4	52.7	53.5	53.5	53.6	53.6	53.6
GE 9000	36.2	49.0	49.9	50.1	50.8	51.1	51.7	52.8	53.4	53.5	53.8	54.6	54.6	54.7	54.7	54.7
GE 8000	40.1	53.4	54.2	55.1	55.9	56.1	56.7	57.8	58.4	58.5	58.8	59.6	59.6	59.8	59.8	59.8
GE 7000	47.6	60.2	61.6	63.0	63.8	64.1	64.8	65.9	66.5	66.6	66.9	67.7	67.7	67.9	67.9	67.9
GE 6000	44.7	63.0	64.5	65.9	66.8	67.0	67.7	68.9	69.4	69.6	69.8	70.7	70.7	70.8	70.8	70.8
GE 5000	45.1	64.1	65.8	67.2	68.0	68.3	69.0	70.1	70.7	70.8	71.1	71.9	71.9	72.1	72.1	72.1
GE 4500	45.9	64.5	66.3	67.7	68.6	68.9	69.6	70.7	71.2	71.4	71.6	72.5	72.5	72.6	72.6	72.6
GE 4000	46.2	65.8	67.6	69.1	69.8	70.1	70.8	71.9	72.5	72.6	72.9	73.7	73.7	73.9	73.9	73.9
GE 3500	46.6	67.0	68.9	70.3	71.1	71.4	72.1	73.2	73.7	73.9	74.2	75.0	75.0	75.1	75.1	75.1
GE 3000	47.3	68.0	70.1	71.5	72.3	72.6	73.3	74.7	75.3	75.4	75.7	76.5	76.5	76.7	76.7	76.7
GE 2500	48.6	69.7	71.9	73.5	74.3	74.6	75.3	76.7	77.2	77.4	77.7	78.5	78.5	78.6	78.6	78.6
GE 2000	49.4	71.4	73.6	75.7	77.0	77.2	78.8	80.2	80.7	80.9	81.1	82.0	82.0	82.1	82.1	82.1
GE 1800	49.6	71.6	74.3	76.5	77.8	78.4	80.0	81.4	82.0	82.1	82.4	83.2	83.2	83.4	83.4	83.4
GE 1500	50.0	72.8	75.7	77.9	79.3	79.9	81.7	83.2	83.8	83.9	84.2	85.1	85.1	85.2	85.2	85.2
GE 1200	50.3	73.5	76.5	79.1	81.3	82.0	84.1	86.5	87.2	87.4	87.7	88.5	88.7	88.8	88.8	88.8
GE 1000	50.6	74.7	78.2	80.7	83.4	84.2	86.9	89.4	90.2	90.8	91.1	92.2	92.5	92.6	92.6	92.6
GE 900	50.7	75.0	78.9	81.4	84.1	85.3	88.3	91.3	92.5	93.3	93.9	94.7	95.0	95.1	95.1	95.1
GE 800	50.8	75.1	79.2	81.7	84.6	86.0	89.1	92.3	93.4	94.4	95.3	96.1	96.5	96.6	96.6	96.6
GE 700	50.8	75.1	79.2	81.7	84.6	86.0	89.1	92.5	93.6	94.6	95.7	96.5	96.9	97.1	97.1	97.1
GE 600	50.8	75.1	79.2	81.7	84.6	86.0	89.1	92.9	94.0	95.4	96.5	97.3	98.3	98.5	98.5	98.5
GE 500	50.8	75.1	79.2	81.7	84.6	86.0	89.1	92.9	94.0	95.4	96.5	97.3	98.3	98.5	98.5	98.5
GE 400	50.8	75.1	79.2	81.7	84.8	86.2	89.2	93.0	94.3	95.8	97.5	98.3	99.6	99.7	99.7	99.7
GE 300	50.8	75.1	79.2	81.8	84.8	86.2	89.2	93.0	94.3	95.8	97.5	98.3	99.7	99.9	99.9	99.9
GE 200	50.8	75.1	79.2	81.8	84.8	86.2	89.2	93.0	94.3	95.8	97.5	98.3	99.7	99.9	100.0	100.0
GE 100	50.8	75.1	79.2	81.8	84.8	86.2	89.2	93.0	94.3	95.8	97.5	98.3	99.7	99.9	100.0	100.0
GE 0	50.8	75.1	79.2	81.8	84.8	86.2	89.2	93.0	94.3	95.8	97.5	98.3	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 716

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702750 STATION NAME: SPARREVOHN AFS AK

PERIOD OF RECORD: 76-87  
MONTH: DEC HOURS(EST): 1800-2000

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	1	1/2	3/4	1	1 1/2	2	2 1/2	3	4	5	6	7	8	9	10	11
NO CEIL	27.0	36.5	37.4	37.5	39.0	38.0	38.6	39.9	40.0	40.0	40.6	40.6	40.9	40.9	40.9	40.9
GE 20000	27.9	37.3	38.3	38.4	38.9	38.9	39.4	40.7	40.9	40.9	41.4	41.4	41.7	41.7	41.7	41.7
GE 18000	29.2	38.0	39.0	39.1	39.6	39.6	40.1	41.4	41.6	41.6	42.1	42.1	42.4	42.4	42.4	42.4
GE 16000	28.9	38.2	39.9	40.3	40.4	40.4	41.0	42.3	42.4	42.4	42.9	43.0	43.3	43.3	43.3	43.3
GE 14000	30.5	40.4	41.4	41.5	42.0	42.0	42.6	43.8	44.0	44.0	44.5	44.5	44.8	44.8	44.8	44.8
GE 12000	32.6	42.6	43.5	43.7	44.1	44.1	44.7	46.0	46.1	46.1	46.7	46.7	47.0	47.0	47.0	47.0
GE 10000	34.0	44.3	45.2	45.4	45.8	45.8	46.4	47.7	47.8	47.8	48.4	48.4	48.7	48.7	48.7	48.7
GE 9000	34.8	45.0	46.0	46.1	46.5	46.5	47.1	48.4	48.5	48.5	49.1	49.1	49.4	49.4	49.4	49.4
GE 8000	37.7	48.4	49.6	49.8	50.2	50.2	50.8	52.1	52.2	52.2	52.8	52.8	53.3	53.3	53.3	53.3
GE 7000	42.3	56.2	58.3	59.3	59.6	59.6	60.1	61.4	61.6	61.6	62.1	62.1	62.4	62.4	62.4	62.4
GE 6000	43.5	58.9	60.3	61.1	61.7	61.7	62.3	63.5	63.7	63.7	64.3	64.3	64.5	64.5	64.5	64.5
GE 5000	44.4	60.4	61.8	62.7	63.3	63.3	63.8	65.1	65.2	65.2	65.8	65.8	66.1	66.1	66.1	66.1
GE 4500	44.7	60.7	62.1	63.3	63.5	63.5	64.1	65.4	65.5	65.5	66.1	66.1	66.4	66.4	66.4	66.4
GE 4000	45.8	62.1	63.5	64.4	65.0	65.0	65.5	66.8	67.0	67.0	67.5	67.5	67.8	67.8	67.8	67.8
GE 3500	46.8	63.6	65.2	66.1	66.7	66.7	67.4	68.7	68.8	68.8	69.4	69.4	69.6	69.6	69.6	69.6
GE 3000	47.5	64.8	66.5	67.4	68.1	68.1	68.8	70.5	70.6	70.6	71.2	71.2	71.5	71.5	71.5	71.5
GE 2500	48.2	66.7	68.4	69.5	70.4	70.5	71.2	72.9	73.0	73.0	73.6	73.6	73.9	73.9	73.9	73.9
GE 2000	48.5	68.1	69.9	71.5	72.8	72.9	74.0	75.7	75.9	75.9	76.5	76.5	76.7	76.7	76.7	76.7
GE 1800	49.1	68.9	70.8	72.2	73.9	74.0	75.2	77.3	77.4	77.4	78.0	78.0	78.3	78.3	78.3	78.3
GE 1500	49.9	70.5	73.3	74.9	77.0	77.6	79.0	81.6	81.8	82.4	83.0	83.0	83.3	83.3	83.3	83.3
GE 1200	49.2	71.8	75.3	76.2	79.3	80.0	81.6	84.5	84.8	85.5	86.1	86.1	86.5	86.5	86.5	86.5
GE 1000	49.9	72.5	76.3	78.1	80.6	81.4	81.3	86.5	87.0	87.9	88.5	88.5	89.2	89.2	89.2	89.2
GE 900	51.4	73.2	77.1	78.7	81.7	82.6	84.5	88.2	88.7	89.8	90.5	90.5	91.2	91.2	91.2	91.2
GE 800	50.5	73.5	77.3	79.3	82.4	83.3	85.2	88.9	89.4	90.8	91.8	91.8	92.5	92.5	92.5	92.5
GE 700	50.5	73.5	77.3	79.3	82.4	83.3	85.2	89.1	89.8	91.2	92.2	92.2	93.0	93.0	93.0	93.0
GE 600	50.5	73.6	77.4	79.1	82.6	83.4	85.4	89.4	90.2	91.9	92.9	92.9	94.5	94.5	94.5	94.5
GE 500	50.5	73.6	77.4	79.1	82.6	83.4	85.4	89.4	90.4	92.8	94.0	94.0	95.6	95.6	95.9	95.9
GE 400	50.5	73.6	77.4	79.3	82.7	83.5	85.5	89.9	91.1	93.6	96.0	96.0	98.2	98.2	98.4	98.4
GE 300	50.5	73.6	77.4	79.3	82.7	83.5	85.5	89.9	91.1	93.8	96.5	96.6	99.1	99.1	99.4	99.4
GE 200	50.5	73.6	77.4	79.3	82.7	83.5	85.5	89.9	91.1	93.8	96.6	96.7	99.6	99.7	100.0	100.0
GE 100	50.5	73.6	77.4	79.3	82.7	83.5	85.5	89.9	91.1	93.8	96.6	96.7	99.6	99.7	100.0	100.0
GE 0	50.5	73.6	77.4	79.3	82.7	83.5	85.5	89.9	91.1	93.8	96.6	96.7	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 735

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

702350 SPARREVOHN AFS AK

77-64

OCT

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MONTH	HOURS (EST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL OCCURRENCE		
		0	1	2	3	4	5	6	7	8	9		10	
OCT	00-02	11.5			16.0						19.9	52.6	7.5	7
	03-05	10.9			16.9						15.8	54.4	7.4	7
	06-08	4.2			16.3						22.9	56.6	6.2	7
	09-11	7.4			14.3						24.6	57.7	8.4	7
	12-14	3.1			14.7						25.2	56.5	6.4	7
	15-17	7.0			15.3						25.2	57.5	8.5	7
	18-20	7.9			16.9						23.3	54.0	8.1	7
	21-23	7.9			20.3						22.9	48.8	7.6	7
TOTALS		5.0			16.8						22.5	54.8	8.0	58

## SKY COVER

NOV

MONTH	HOURS LST:	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER									MEAN			
		0	1	2	3	4	5	6	7	8	9	WIND SPEED	DIRECTION	
NOV	00-02	16.7			16.9						19.3	47.7	7.0	69
	03-05	16.6			19.2						15.6	48.7	6.8	69
	06-08	11.9			21.3						24.1	42.6	7.1	70
	09-11	7.3			16.6						34.3	41.8	7.8	71
	12-14	6.1			17.6						28.9	47.4	7.0	70
	15-17	5.6			17.2						26.9	51.3	8.7	69
	18-20	8.7			19.1						20.5	51.7	7.6	69
	21-23	12.8			20.0						17.5	49.6	7.1	70
TOTALS		10.9			18.5						23.4	47.5	7.4	555

## SKY COVER

LE C

MONTH	HOURS PER DAY	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										TOTAL PERCENT	NO. OBS.	
		0	1	2	3	4	5	6	7	8	9			10
DIC	3-32	27.7			14.1						16.0	42.2	6.1	70
	03-05	27.3			15.9						14.2	42.5	6.0	71
	06-08	25.7			18.0						15.0	41.3	6.0	71
	09-11	17.8			16.3						25.3	40.5	6.8	72
	12-14	16.6			13.1						26.4	43.8	7.2	72
	15-17	16.6			14.4						21.2	47.8	7.1	72
	18-20	22.2			14.5						16.0	47.8	6.6	68
	21-23	25.3			11.0						16.1	44.6	6.2	68
TOTALS	22.2				14.6						18.8	43.5	6.5	566

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# SKY COVER

702350 SPARREVOHN AFS AK

76-84

ALL

STATION

STATION NAME

PERIOD

REMARKS

PERCENTAGE FREQUENCY OF OCCURRENCE  
FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS	TOTAL OBSERVATIONS	
		0	1	2	3	4	5	6	7	8	9			10
JAN	ALL	20.0			17.5						21.1	41.2	6.6	553
FEB		20.3			17.8						19.7	37.2	6.0	516
MAR		14.7			16.0						24.7	44.6	7.2	587
APR		10.2			19.6						22.8	42.4	6.9	576
MAY		4.3			18.2						35.8	41.6	7.9	595
JUN		1.7			14.9						47.6	41.9	8.3	574
JUL		.6			14.3						34.8	50.2	6.6	584
AUG		4.1			17.5						32.3	46.0	8.0	595
SEP		5.8			16.2						29.1	49.0	6.7	576
OCT		5.9			16.8						22.5	54.8	8.0	585
NOV		10.6			18.5						20.4	47.5	7.4	555
DEC		20.9			14.6						18.8	43.8	6.5	560
TOTALS		10.9			16.9						27.2	45.0	7.5	637



U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART E

PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentations follows:

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviations, and total number of observations in three separate tables as follows:

- a. Daily maximum temperatures
- b. Daily minimum temperatures
- c. Daily mean temperatures

NOTE: Beginning in January 1964, daily maximum and minimum temperatures are routinely selected from hourly observations recorded on surface observing forms or from automated data collections for all Air Force operated stations. For those stations observing less than 24 hours per day, and where maximum and minimum temperatures are required but not recorded, these are also selected from hourly data from as early as January 1949 and later. Please refer to notations on summary pages and Station History for further information on reporting practices of individual stations.

2. Extreme values - derived from daily observations with the extreme value selected for each year and month of record available. An annual (ALL MONTHS) value is selected when all months for a year have valid extremes. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extremes are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: The following symbols are used in the extreme data blocks:

- (1) \* indicates the extreme was selected from a month with one or more days missing.
- (2) # indicates the extreme was selected from a month in which hourly temperatures were available for less than 24 hours for at least one day in the month.

Values for means and standard deviations do not include a correction for incomplete months.

Continued on Reverse

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature.

These tables have been temporarily discontinued for the Russwo pending the advent of RUSSWO-2 in mid 1986.

4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years combined are presented in the following three tables; DRY-BULB TEMPERATURE, WET-BULB TEMPERATURE, and DEW-POINT TEMPERATURE.
5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
  - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
  - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

The dew point and wet bulb data in this section should be viewed with caution. When the dry bulb temperature was below -35°F dew points were not transmitted (FMH-1B). As a result, during the colder months the mean dew points are actually lower than indicated. Since wet bulb temperatures are calculated from the dew points, they are also biased toward higher values.

CLIMATE CLIMATOLOGY BRANCH

USAFETAC

AIR WEATHER SERVICE/MAC

712700 SEARBEVOHN AFB AK

STATION NAME

53-54, 63-64

YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
(FROM DAILY OBSERVATIONS)

MAXIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70						.8	.6	.1					.8
75					.1	2.4	5.4	1.1					.2
77					.7	6.0	13.0	4.9	.1				.8
78					3.1	21.5	28.9	17.7	.8				2.3
79				.3	7.7	42.4	50.1	36.6	5.2	.3			6.1
80				1.3	18.5	64.1	76.4	63.6	19.8	.7			12.1
81		.3		3.8	42.3	82.7	94.0	87.2	45.6	3.3			21.9
82													30.8
83	.2	1.0	2.4	9.9	65.3	97.2	99.6	98.5	69.5	9.8	.9	.2	39.1
84	3.9	4.3	7.8	27.3	85.1	99.4	100.0	99.7	86.2	24.6	7.1	3.7	47.3
85	17.9	15.9	23.6	51.2	94.2	100.0		100.0	95.6	42.4	21.2	11.5	57.7
86	35.0	29.9	44.6	72.4	97.3				98.5	59.6	41.8	27.2	68.6
87	46.7	41.6	60.9	83.8	99.3				99.7	73.9	55.5	39.3	76.5
88	58.2	49.4	71.0	90.5	99.9				100.0	85.9	65.2	50.0	81.9
89	65.5	56.9	78.0	95.8						92.7	74.0	57.6	86.0
90	71.5	62.1	83.0	98.4	100.0					96.7	82.7	64.1	89.1
91	76.3	69.5	88.0	99.2						98.8	90.3	69.0	91.6
92	79.9	75.1	92.3	99.6						99.6	92.8	75.1	93.4
93	84.5	82.3	94.6	100.0						100.0	95.9	81.3	95.3
94	88.9	89.2	96.9								98.0	87.2	97.0
95	91.8	93.9	98.2								99.0	92.8	98.2
96	95.1	97.7	99.7								99.7	96.5	99.2
97	98.4	98.7	100.0								100.0	98.8	99.7
98	99.7	99.7										99.7	99.9
99	99.8	99.8											100.0
100	100.0	100.0										100.0	100.0
MEAN	17.8	15.4	24.0	33.6	47.6	57.8	60.4	57.4	48.0	31.3	23.2	14.6	35.9
S.D.	14.647	18.596	14.342	9.778	8.531	8.175	7.695	7.082	7.582	11.022	13.736	18.902	20.709
TOTAL OBS	638	622	718	758	810	710	716	734	712	736	704	654	8512

USAFETAC 0.215 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GENERAL CLIMATOLOGY BRANCH  
 USAFETAC  
 AIR WEATHER SERVICE/MAC  
 7 2350 PARREVOHN AFS AK  
 STATION NAME

53-58, 63-84 YEARS

# DAILY TEMPERATURES

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MINIMUM

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
60						.1	1.6	.5					.2
55					.1	2.5	8.5	5.2	.1				1.4
50					.9	13.5	31.8	27.5	1.5				6.4
45				.1	3.7	41.5	74.4	67.2	15.4	.4			17.1
40		.5	.4	.7	18.1	78.7	97.3	98.1	45.8	3.3	.3		25.4
35	1.3	1.6	2.4	5.3	52.1	96.3	99.9	98.0	71.5	12.8	2.7	1.1	38.0
30	3.3	2.7	3.7	11.3	67.4	98.3	100.0	98.9	77.4	18.3	5.5	2.4	41.9
25	9.7	6.8	9.5	25.1	82.0	99.9		99.9	87.1	27.7	11.8	5.8	48.4
20	20.2	15.4	24.2	47.3	93.6	100.0		100.0	95.8	45.0	22.3	14.4	57.9
15	23.5	23.5	38.9	64.6	97.4				99.2	61.0	32.1	24.0	65.5
10	41.4	30.7	52.1	75.1	99.1				99.9	75.4	42.4	31.2	71.9
5	48.1	37.9	62.7	83.9	99.5				100.0	85.6	55.3	37.8	77.2
0	56.0	46.0	70.1	91.9	99.9					93.2	67.3	43.7	81.9
-5	62.2	52.7	77.2	96.2	100.0					97.3	78.8	53.1	85.8
-10	66.9	60.3	84.5	99.0						99.0	86.0	59.2	88.8
-15	71.8	70.6	89.4	99.3						99.6	92.1	66.2	91.5
-20	79.0	76.2	92.9	99.9						100.0	95.7	78.7	94.1
-25	84.3	85.5	95.5	100.0							98.2	84.9	96.1
-30	88.9	93.4	98.5								99.3	92.7	97.9
-35	96.4	97.3	99.5								99.9	97.4	99.3
-40	99.2	99.2	99.9								100.0	98.9	99.8
-45	99.7	100.0	100.0									99.4	99.9
-50	100.0											99.7	100.0
-55												100.0	100.0
MEAN	4.6	1.9	11.9	21.5	34.3	43.5	47.6	46.3	37.8	21.9	11.2	1.3	23.7
S.D.	24.243	19.105	15.769	10.603	6.535	5.252	4.714	5.255	6.753	11.016	14.557	19.077	20.877
TOTAL OBS	63	62	737	768	81	718	716	734	712	736	713	654	4550

CENTRAL CLIMATOLOGY BRANCH  
 USAFELTAC  
 AIR WEATHER SERVICE/MAC  
 702351 SPARKSVILLE AFS, AR  
 STATION STATION NAME

# DAILY TEMPERATURES

53-58, 63-84 YEARS

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE  
 (FROM DAILY OBSERVATIONS)

MEAN

TEMP °F	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
70						.3	.8	.3					.1
65					.1	2.3	5.9	2.0					.9
60					.6	10.3	16.6	9.0	.6				3.1
55					3.2	27.3	45.0	33.4	2.4				9.4
50				.4	10.1	50.5	79.2	66.9	17.4	.4			19.6
45		.3	.3	2.2	31.4	84.1	97.3	89.8	45.6	3.0			30.3
40	.2	1.4	2.1	7.4	62.3	97.9	100.0	96.6	73.7	11.8	1.7	.2	39.3
35	6.3	5.3	5.9	26.6	64.6	99.9		100.0	87.9	26.2	8.8	3.8	45.1
30	19.4	15.6	24.2	50.9	94.4	100.0			96.5	43.3	20.7	12.1	58.0
25	31.0	24.1	41.4	69.3	97.5				99.4	59.6	34.9	25.1	66.7
20	44.2	34.7	56.3	81.1	99.4				100.0	75.5	48.4	34.1	74.2
15	54.2	45.8	67.3	88.0	99.9					87.1	63.2	43.3	80.3
10	66.6	52.6	75.2	94.7						93.3	73.4	50.9	84.4
5	66.6	52.4	81.3	98.0	100.0					97.3	82.1	59.2	87.9
0	72.1	64.6	85.9	99.2						99.3	88.8	65.1	90.4
-5	77.1	73.2	91.4	99.5						99.7	92.0	71.9	92.7
-10	82.4	79.7	94.0	100.0						100.0	96.2	80.6	94.9
-15	87.1	87.6	96.4								98.3	86.1	96.6
-20	90.4	93.9	98.3								99.1	93.1	98.1
-25	95.6	97.3	99.7								99.9	96.2	99.1
-30	99.1	99.0	100.0								100.0	99.4	99.8
-35	99.7	99.8										99.7	99.9
-40	100.0	100.0											100.0
-45												100.0	100.0
MEAN	11.3	5.7	18.1	27.2	41.2	52.9	54.3	52.1	43.1	26.9	17.5	8.0	30.0
S.D.	15.192	16.677	14.991	9.845	7.281	6.410	5.829	5.029	6.879	10.723	13.804	18.483	20.669
TOTAL OBS	639	622	718	758	810	710	716	734	712	736	704	654	8512

USAFETA 0 21 5 (OL A) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## EXTREME VALUES

MAXIMUM TEMPERATURE

FROM DAILY OBSERVATIONS

712350  
STATION

SPARREVOHN AFS AK  
STATION NAME

53-58, 63-84  
YEARS

WHOLE DEGREES FAHRENHEIT

MONTH YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ALL MONTHS
53			*	36	57	64	81	81	64	59	50	38*	34
54			37	48	50	64	74	71	66	56	63	47*	29
55	*	43	33*	41*	41	56	74	80	73	55	39*	36*	35
56	*	79	32	35	57	59	66	79	85	60	38	43*	32
57		44*	47	45	44	64	80	74	75	70	55	45*	36
58	*	36	37	42	62	70			*	61	52	30*	37
59		*	35*	35	46	63	71*	71					
60			*	48	53	60	67*	65		*	31	41	34
61		37	42	40	55	51	73	78	68	60*	52		
62	*	27	35	45	50	60	71	80	65	55*	55		
63				45	66			*	82	61	42	39	38
64		34*	35*	37	*	75	82	73	64	*	46*	39	45
65	*	31		*	42*	63			65	61	46	44	41
66		38	41	43	42	50	80	77	67	58	42	36	43
67		39	32	33	43	56*	70	82	72	62	53	38	39
68	*	39*	38	37	44	58*	69*	69*	71	61	41*	43*	36
69		46	34*	48*	53	71*	72	78*	73*	69*	46*	39	33
70		38	36	36	40	60*	70	79	67	61	47	41	37
71		34	42	41	54	58	72	69	71	59	48	43	37
72		42	41	33	42	57	72	81	80	61	50	46	40
73		42	42	40	50	58	64	74	74	64	49	40	40
74		40	35	41	56	71	72	73	77	66	54	46	32
75		41	47	40	52	58	69	77	67	59	46	38	41
76		42	43	41	48	69	71	67	80	62	48	43	40
77		36	51	40	41	54	72	71	69	58	40	38	40
78		38	41	42	50	61	69	71	65	58	45	45	42
79		39	26	48	48	60	70	70	65	61	49*	38	
MEAN	*	39.4	38.3	40.5	49.1	60.7	72.5	75.5	77.6	60.3	47.5	41.1	38.9*
SD		3.364	5.915	4.351	5.999	5.697	4.936	4.512	6.005	3.414	6.080	4.254	3.575
TOTAL OBS		638	622	718	758	810	710	710	734	712	736	704	654

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-3 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# EXTREME VALUES

MINIMUM TEMPERATURE

702350 SPARREVOHN AFS AK  
STATION STATION NAME

53-58, 63-84

YEARS

## WHOLE DEGREES FAHRENHEIT

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
53			*	-6	-4	29	37	42	40	24	-19	-8*	-11
54			-34	-17	6	28	37	36	39	20	16	-3*	-37
55	*	-34	-27*	-14	-3	28	29	36	30	29		-12*	-28
56	*	-26	-29	-25	-15	31	34	40	40	21	-3	-24*	-33
57		-15*	-25	1	13	28	42	37	43	20	17	10*	-43
58	*	-15	-6	10	11	14							
59									*	32	-1	-33*	-6
60		*	-22*	-35	-6	5	36*	42					
61			*	4	-1	2	32*	34		*	2	-5	-29
62		-23	-30	-36	2	13	39	37	38	34*	26		
63	*	-23	-24	-4	8	22	35	39	44	32*	3		
64					-4	15		*	38	20	1	-5	-30
65		-37*	-32*	-8	*	27	39	41	31	*	9*	-14	-13
7	*	-24		*	0*	25		36	16	-3	-2	-27	
71		-36	-26	-28	-1	15	32	40	35	30	9	-23	-28
72		-24	-22	-19	-3	24*	30	42	43	18	13	2	-22
73	*	-40*	-13	-17	12	29*	32*	38*	32	21	7*	-17*	-18
74		-31	-36*	-24*	15	30*	32	40*	37*	28*	4*	-18	-33
75		-45	-31	-22	0	25*	33	40	39	29	-15	-20	-50
76		-19	-39	-8	6	25	32	41	42	30	-8	-7	-23
77			-2	-31	-17	21	35	42	44	23	4	-18	-29
78		-13	-39	-5	4	31	33	39	44	27	5	-3	-5
79		-5	-24	-10	6	30	35	41	39	27	11	0	-27
80		-35	-7	-13	13	29	36	40	37	26	3	3	-33
81		1	-25	16	10	25	32	39	33	22	6	-12	-16
82		-29	-32	-10	-6	17	32	38	40	30	-3	-15	-16
83		-29	-13	-7	10	24	34	42	36	14	0	3	-8
84		-28	-30	-6	-2	15	41	41	29	29	11*	-7	
MEAN	* -73.3 -25.1 -12.2 1.6 22.4 35.1 39.7 38.3 24.7 2.8 -6.6 -24.6 -32.6												
S.D.	13.77710.85013.326 8.272 6.211 3.354 1.932 4.584 5.347 8.84310.90310.856 5.052												
TOTAL OBS	638 622 737 768 815 710 716 734 712 736 713 654 6550												

NOTES \* (BASED ON LESS THAN FULL MONTHS)

USAF ETAC FORM 0-88-5 (OLA)

# (AT LEAST ONE DAY LESS THAN 24 OBS)



GLOBAL CLIMATOLOGY PROJECT  
USAF ETAC  
AIR WEATHER SERVICE/AMC

## MEANS AND STANDARD DEVIATIONS

JULY-2007 TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702410 SPARKEVOGA AFB, AK

76-84

STATION NAME		YEARS												
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1-10	MEAN	15.1	10.8	21.2	25.7	37.9	45.8	49.8	49.1	40.9	26.6	20.2	12.1	30.0
	S.D.	1.70	2.38	12.62	1.72	5.84	4.85	4.73	5.25	6.62	10.40	13.13	18.09	18.16
	TOTAL OBS	72	67	74	72	74	72	74	74	72	74	71	74	874
11-20	MEAN	15.1	10.5	20.5	25.0	37.2	44.0	48.8	47.9	40.1	26.0	20.0	11.8	29.4
	S.D.	17.98	2.40	12.68	10.38	5.85	5.03	4.52	5.83	6.68	10.38	12.96	18.03	17.97
	TOTAL OBS	72	67	74	72	74	72	74	74	72	74	71	74	874
21-30	MEAN	15.1	10.5	20.4	25.7	39.5	47.1	50.5	49.0	40.1	25.9	20.2	11.8	30.1
	S.D.	17.94	2.55	13.11	10.73	5.52	5.80	4.86	6.32	7.10	10.57	13.12	18.24	18.58
	TOTAL OBS	72	67	74	72	74	72	74	74	72	74	71	74	874
1-11	MEAN	15.1	11.9	23.0	29.4	44.0	51.2	53.9	52.7	43.1	27.5	20.9	12.3	32.5
	S.D.	17.97	2.46	12.79	10.58	7.33	6.73	6.01	7.23	8.02	10.75	12.88	18.54	19.62
	TOTAL OBS	72	67	74	72	74	72	74	74	72	74	71	74	874
12-19	MEAN	15.1	14.1	25.7	31.8	46.4	54.3	56.9	55.6	45.6	29.4	22.1	13.3	34.7
	S.D.	17.97	2.99	12.16	10.58	7.49	7.22	6.86	7.83	8.13	10.76	12.51	18.37	20.04
	TOTAL OBS	72	67	74	72	74	72	74	74	72	74	70	74	873
15-17	MEAN	17.7	13.6	25.5	32.3	46.4	55.0	57.8	56.2	45.8	28.9	20.8	12.6	34.7
	S.D.	17.14	2.67	11.80	9.84	7.65	7.28	7.05	7.87	7.89	10.45	13.02	18.32	20.43
	TOTAL OBS	58	67	74	72	74	72	74	74	72	74	70	74	865
1-2	MEAN	17.1	9.5	23.7	29.9	43.8	52.4	55.3	53.3	43.1	27.3	20.4	11.7	32.8
	S.D.	15.30	2.19	11.18	9.68	7.38	6.67	6.23	7.15	7.04	10.23	13.27	18.67	19.86
	TOTAL OBS	55	59	72	72	74	71	68	74	72	74	70	70	844
11-23	MEAN	17.6	9.8	22.3	27.5	40.1	48.3	51.8	50.3	41.6	26.6	20.3	12.0	31.0
	S.D.	16.03	2.33	11.75	9.62	6.47	5.47	5.00	6.15	6.60	10.28	13.35	18.50	18.67
	TOTAL OBS	67	62	72	72	74	71	70	74	72	74	71	71	854
ALL HOURS	MEAN	15.1	11.4	22.8	28.4	41.9	49.9	53.1	51.8	42.5	27.3	20.6	12.2	31.9
	S.D.	16.04	2.29	12.45	10.53	7.67	7.18	6.54	7.42	7.59	10.54	13.04	18.34	19.28
	TOTAL OBS	563	528	592	576	595	574	584	595	576	595	567	587	6935

CLIMATE ESTIMATION  
USAF ETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

ALT-RULE TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702750 CHANDLER-VIEN AFS AR

76-84

STATION		STATION NAME												YEARS	
HRN	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-67	MEAN	16.0	9.5	19.3	23.5	34.6	42.1	46.9	46.0	38.2	25.1	18.7	16.9	27.8	
	S.D.	16.15	11.71	11.72	9.28	4.69	3.62	3.75	4.97	5.67	9.41	12.15	17.19	16.89	
	TOTAL OBS	71	675	744	720	744	720	744	744	720	744	714	741	8729	
0-65	MEAN	16.7	9.2	18.8	22.9	34.3	41.6	46.3	45.2	37.7	24.6	18.5	10.6	27.3	
	S.D.	16.0	11.7	11.9	9.6	4.7	3.7	3.7	5.0	5.9	9.5	11.9	17.0	16.9	
	TOTAL OBS	71	674	744	720	744	720	744	744	720	744	714	741	8728	
6-10	MEAN	16.0	9.2	18.6	23.6	35.8	43.1	47.5	46.0	37.7	24.5	18.7	10.6	27.8	
	S.D.	16.0	11.7	12.1	9.9	5.0	4.1	3.6	5.2	6.1	9.6	11.2	17.3	17.2	
	TOTAL OBS	71	676	743	720	744	720	744	744	720	744	716	741	8732	
10-11	MEAN	17.0	10.2	20.7	26.3	38.7	45.6	49.5	48.3	39.8	25.9	19.3	11.0	29.5	
	S.D.	16.0	11.7	11.7	9.4	5.2	4.2	3.8	5.4	6.4	9.6	11.1	17.5	17.7	
	TOTAL OBS	71	678	744	710	744	720	744	744	720	744	713	741	8732	
12-14	MEAN	17.0	12.3	22.9	28.2	40.1	47.3	51.2	49.9	41.3	27.4	20.2	12.0	31.1	
	S.D.	16.0	11.7	10.9	9.1	5.2	4.3	4.1	5.5	6.1	9.3	11.4	17.3	17.6	
	TOTAL OBS	71	677	744	720	744	720	744	744	720	744	706	743	8725	
15-17	MEAN	16.4	11.6	22.8	28.6	40.0	47.6	51.6	50.1	41.4	27.3	19.1	11.5	31.0	
	S.D.	16.4	11.6	10.7	8.4	5.2	4.2	4.1	5.3	5.9	9.2	11.9	17.3	17.8	
	TOTAL OBS	613	671	744	720	744	720	744	744	720	744	703	741	8647	
1-20	MEAN	15.0	8.1	21.3	26.9	38.5	46.1	50.3	48.6	39.7	25.7	18.7	10.7	29.6	
	S.D.	16.6	11.6	10.2	8.5	5.2	3.9	3.9	5.3	5.7	9.2	11.1	17.6	17.7	
	TOTAL OBS	644	596	726	720	744	711	681	744	720	744	702	703	8435	
1-23	MEAN	16.2	8.5	20.2	24.9	36.1	43.8	48.2	46.7	38.7	25.1	18.6	10.9	28.5	
	S.D.	16.4	11.6	10.8	8.7	4.9	3.7	3.6	5.0	5.7	9.3	11.2	17.3	17.1	
	TOTAL OBS	672	621	732	720	744	714	702	744	720	744	716	714	8537	
ALL HOURS	MEAN	16.0	9.9	20.6	25.6	37.2	44.6	48.9	47.6	39.3	25.7	19.0	11.0	29.1	
	S.D.	16.2	11.7	11.4	9.3	5.5	4.5	4.3	5.5	6.1	9.4	11.9	17.3	17.4	
	TOTAL OBS	5566	5265	5921	5760	5952	5745	5847	5952	5760	5952	5678	5864	69265	

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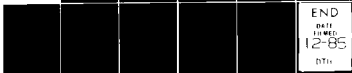
REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS  
SPARREVONN AFS ALASKA(U) AIR FORCE ENVIRONMENTAL  
TECHNICAL APPLICATIONS CENTER SCOTT A.. 18 SEP 85  
USAFETAC/DS-85/046

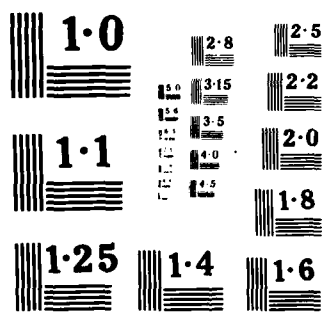
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GLOBAL CLIMATOLOGY BRANCH  
USAF ETAC  
AIR WEATHER SERVICE/MAO

## MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

702350 SPARREVOHN AFS AK

76-84

STATION		STATION NAME												YEARS	
HRS - LST		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
0-07	MEAN	11.1	3.1	13.4	17.7	29.8	38.0	44.2	43.0	34.8	21.5	13.8	4.8	23.1	
	S D	17.232	19.202	13.221	11.427	5.417	4.652	4.479	5.519	6.913	9.854	12.992	18.914	18.370	
	TOTAL OBS	719	675	744	720	744	720	744	744	720	744	714	741	8729	
3-05	MEAN	10.7	2.9	13.1	17.3	29.4	37.7	43.9	42.6	34.5	21.0	13.7	4.5	22.8	
	S D	17.273	19.520	13.287	11.753	5.492	4.600	4.438	5.457	6.908	10.030	12.922	18.934	18.397	
	TOTAL OBS	719	674	744	720	744	720	744	744	720	744	714	741	8728	
6-09	MEAN	10.7	3.0	13.0	18.1	30.5	38.8	44.7	43.1	34.7	21.2	14.0	4.7	23.2	
	S D	17.684	19.737	13.457	11.884	5.579	4.734	4.196	5.684	6.927	10.131	12.962	18.917	18.668	
	TOTAL OBS	720	676	743	720	744	720	744	744	720	744	716	741	8732	
9-11	MEAN	10.9	3.7	14.3	20.0	31.8	39.9	45.8	44.4	35.9	22.4	14.3	5.1	24.2	
	S D	16.967	19.716	13.315	10.907	5.653	4.672	4.080	5.486	6.843	9.742	12.797	19.062	18.714	
	TOTAL OBS	720	678	744	720	744	720	744	744	720	744	713	741	8732	
12-14	MEAN	12.1	5.6	16.1	21.3	32.1	40.4	46.4	45.0	36.4	23.5	14.9	6.0	25.2	
	S D	16.593	19.110	12.708	10.340	5.726	4.903	4.219	5.739	6.218	9.372	12.359	18.975	18.279	
	TOTAL OBS	719	677	744	720	744	720	744	744	720	744	706	743	8725	
15-17	MEAN	10.5	5.2	15.9	21.7	32.1	40.3	46.5	44.8	36.4	23.2	13.9	5.8	25.0	
	S D	17.666	18.689	12.612	9.580	5.868	4.921	4.218	5.797	6.122	9.343	12.967	19.209	18.474	
	TOTAL OBS	653	671	744	720	744	720	744	744	720	744	703	740	8647	
18-21	MEAN	9.9	1.8	14.9	20.6	31.7	39.8	46.0	44.3	35.6	22.1	13.4	4.6	24.2	
	S D	16.134	18.777	11.793	9.709	5.878	4.781	4.273	5.758	6.424	9.624	12.962	19.870	18.721	
	TOTAL OBS	644	596	726	720	744	711	681	744	720	744	702	703	8435	
22-23	MEAN	10.7	2.4	13.9	18.7	30.7	38.9	45.0	43.3	35.0	21.5	13.4	4.7	23.5	
	S D	17.979	18.634	12.300	10.304	5.604	4.764	4.353	5.737	6.591	9.782	13.185	19.585	18.499	
	TOTAL OBS	672	621	732	720	744	714	702	744	720	744	710	714	8537	
ALL HOURS	MEAN	10.8	3.5	14.3	19.4	31.0	39.2	45.3	43.8	35.4	22.1	13.9	5.0	23.9	
	S D	17.421	19.216	12.894	10.869	5.738	4.850	4.384	5.709	6.660	9.771	12.896	19.176	18.533	
	TOTAL OBS	5566	5268	5921	5760	5952	5745	5847	5952	5760	5952	5678	5864	69265	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

702350

SPAPREVONN AFS AK

77-84

JAN

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JAN	00-02	100.0	99.9	99.3	98.1	93.6	80.9	57.9	34.4	13.8	72.9	719
	03-05	100.0	100.0	99.6	98.6	93.0	77.5	56.9	30.7	11.0	72.1	719
	06-08	100.0	99.4	99.2	97.6	92.6	80.6	55.7	27.4	9.2	71.3	720
	09-11	100.0	99.9	99.9	98.1	92.4	80.8	54.6	27.8	8.3	71.5	720
	12-14	100.0	100.0	99.9	98.7	93.6	82.3	58.8	27.0	10.2	72.4	719
	15-17	100.0	99.5	99.2	97.4	91.7	80.1	60.6	32.5	12.6	72.8	653
	18-20	100.0	99.2	99.1	98.4	93.8	79.5	58.2	32.8	14.4	72.8	644
	21-23	100.0	99.3	99.0	98.2	92.7	79.0	58.2	33.8	13.2	72.6	672
TOTALS		100.0	99.7	99.4	98.1	92.9	80.1	57.6	30.8	11.6	72.3	5566

USAFETAC

FORM  
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0-87-5 (OL A)

## RELATIVE HUMIDITY

FEB  
MON

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10%	20%	30%	40%	50%	60%	70%	80			90
FEB	00-02	100.0	100.0	99.6	97.8	90.5	79.9	59.3	27.7	5.2	71.2	675
	03-05	100.0	99.7	99.1	97.6	92.0	80.7	61.1	27.9	4.9	71.6	674
	06-08	100.0	100.0	99.1	97.8	91.9	83.3	60.8	27.4	7.4	72.2	676
	09-11	100.0	100.0	98.7	97.1	91.3	79.4	55.5	23.9	6.8	70.6	678
	12-14	100.0	99.9	99.1	96.2	89.7	75.0	52.1	23.6	6.6	69.8	677
	15-17	100.0	100.0	99.3	96.7	90.6	74.7	56.5	25.2	6.0	70.4	671
	18-20	100.0	100.0	99.7	98.5	91.6	80.9	60.4	28.9	6.2	71.9	596
	21-23	100.0	100.0	100.0	98.2	91.3	80.2	62.6	30.3	5.3	72.2	621
TOTALS		100.0	100.0	99.3	97.5	91.1	79.3	58.5	26.9	6.1	71.2	5268

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

702350  
STATION

SPARFVOHN AFS AK  
STATION NAME

77-84  
PERIOD

MAR  
MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
MAR	01-02	100.0	100.0	100.0	98.9	94.5	80.2	55.8	31.7	13.6	72.9	744
	03-05	100.0	100.0	100.0	99.1	94.5	80.8	58.2	38.8	14.2	73.8	744
	06-08	100.0	100.0	99.9	99.2	94.6	78.9	59.6	36.3	15.6	73.6	743
	09-11	100.0	100.0	99.1	97.7	91.4	73.3	50.5	27.7	10.5	70.5	744
	12-14	100.0	99.6	98.9	96.9	89.1	68.5	44.0	23.1	8.6	68.3	744
	15-17	100.0	99.5	98.9	97.7	89.0	69.1	42.7	21.1	8.1	68.2	744
	18-20	100.0	99.9	99.4	98.5	92.8	74.4	48.8	24.1	7.3	70.0	726
	21-23	100.0	99.9	99.6	98.0	92.8	77.5	53.6	27.2	8.1	71.1	732
TOTALS		100.0	99.9	99.5	98.3	92.3	75.3	51.7	28.8	10.8	71.1	5921



## RELATIVE HUMIDITY

APR  
MONTH

MONTH	HOURS LST.	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN								MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS.	
		10°	20°	30°	40°	50°	60°	70°	80°	90°		
APR	00-02	100.0	100.0	99.6	98.5	92.2	76.7	52.8	34.4	14.4	72.3	720
	03-05	100.0	100.0	99.7	98.1	93.2	79.2	58.5	39.6	17.4	73.7	720
	06-08	100.0	100.0	99.3	98.5	92.8	77.5	59.9	39.7	18.9	74.0	720
	09-11	100.0	100.0	99.4	96.8	87.8	70.8	48.1	27.5	10.0	69.4	720
	12-14	100.0	100.0	99.9	95.1	84.4	63.9	40.7	21.0	7.4	66.8	720
	15-17	100.0	100.0	99.7	95.7	81.9	63.5	39.7	22.4	7.5	66.7	720
	18-20	100.0	100.0	100.0	97.9	89.9	72.1	43.8	27.5	9.0	69.7	720
	21-23	100.0	100.0	100.0	99.3	92.8	72.2	47.1	29.2	9.7	70.6	720
TOTALS		100.0	100.0	99.7	97.5	89.4	72.0	48.8	30.2	11.8	70.4	5760

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/PAC

## RELATIVE HUMIDITY

712340 SPARREVOHN AFS AK

77-84

MAY

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
MAY	00-02	100.0	100.0	100.0	99.6	95.2	77.7	55.9	36.4	15.2	73.8	744
	03-05	100.0	100.0	100.0	99.7	95.3	80.1	57.5	38.6	19.9	74.6	744
	06-08	100.0	100.0	100.0	98.4	90.3	71.9	48.8	28.2	16.0	71.3	744
	09-11	100.0	100.0	99.7	93.8	77.0	55.2	31.2	17.7	7.7	64.1	744
	12-14	100.0	100.0	98.3	88.2	67.5	44.4	26.3	12.0	3.5	59.6	744
	15-17	100.0	100.0	97.7	88.2	64.8	44.8	26.2	14.9	6.2	59.8	744
	18-20	100.0	100.0	99.3	92.9	77.3	54.3	34.0	19.4	9.4	64.5	744
	21-23	100.0	100.0	100.0	98.1	89.9	70.0	48.4	30.2	14.7	70.7	744
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USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

702350  
STATION

SPARREVOHN AFS AK  
STATION NAME

77-84

PERIOD

JUN  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS (IST)	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
JUN	00-02	100.0	100.0	100.0	97.9	93.9	81.9	62.8	41.1	20.8	75.8	720
	03-05	100.0	100.0	100.0	98.6	93.8	86.7	65.7	43.8	25.0	77.2	720
	06-08	100.0	100.0	99.7	97.8	92.1	82.1	57.9	36.0	22.4	74.6	720
	09-11	100.0	100.0	99.4	94.9	82.6	63.3	41.7	24.3	13.5	67.6	720
	12-14	100.0	100.0	98.1	89.4	69.3	48.5	32.2	18.5	7.8	62.0	720
	15-17	100.0	100.0	98.6	86.1	67.6	46.5	30.1	16.3	6.1	60.5	720
	18-20	100.0	100.0	98.2	91.4	75.1	57.9	38.4	23.3	9.1	64.9	711
	21-23	100.0	100.0	99.7	97.8	88.0	74.5	54.8	31.1	15.8	72.0	714
TOTALS		100.0	100.0	99.2	94.2	82.8	67.7	48.0	29.3	15.1	69.3	5745

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

712350 SPARKEVOHN AFS AK

77-84

JUL

STATION

STATION NAME

PERIOD

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30%	40%	50%	60%	70%	80%	90		
JUL	0-02	100.0	100.0	100.0	99.7	98.4	92.5	79.6	55.8	30.9	81.7	744
	03-05	100.0	100.0	100.0	99.9	99.1	94.4	80.9	64.1	40.7	84.0	744
	06-08	100.0	100.0	100.0	100.0	98.3	92.2	78.0	54.2	34.9	81.9	744
	09-11	100.0	100.0	99.7	99.5	94.8	80.8	59.4	39.8	24.5	75.6	744
	12-14	100.0	100.0	99.7	98.4	86.3	67.2	46.4	29.3	14.9	70.1	744
	15-17	100.0	100.0	99.6	95.3	82.0	66.5	43.7	24.9	12.1	68.4	744
	18-20	100.0	100.0	100.0	98.2	90.3	76.5	55.5	31.4	16.2	72.9	601
	21-23	100.0	100.0	100.0	99.4	97.0	87.9	72.9	46.3	24.6	78.8	702
TOTALS		100.0	100.0	99.9	98.9	93.3	82.3	64.6	43.2	24.9	76.7	5847

USAFETAC

FORM  
JUL 64

0-87-5 (OL A)

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

702350  
STATION

SPARREVOHN AFS AK  
STATION NAME

77-84

PERIOD

AUG  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
AUG	1-02	100.0	100.0	100.0	99.6	98.4	92.2	77.8	51.5	25.5	80.4	744
	3-05	100.0	100.0	100.0	99.9	99.5	94.5	81.5	59.7	33.2	82.6	744
	6-08	100.0	100.0	100.0	100.0	98.4	92.5	78.1	51.3	30.8	81.0	744
	9-11	100.0	100.0	100.0	99.9	95.8	81.6	59.1	35.1	19.2	74.6	744
	12-14	100.0	100.0	99.7	98.4	88.0	67.2	45.6	24.5	12.1	69.4	744
	15-17	100.0	100.0	99.6	97.2	82.0	61.6	41.9	25.9	12.2	67.7	744
	18-20	100.0	100.0	100.0	99.1	91.8	76.1	56.6	34.5	16.4	73.1	744
	21-23	100.0	100.0	100.0	99.3	97.8	86.8	71.5	45.2	22.0	78.0	744
TOTALS		100.0	100.0	99.5	99.2	94.0	81.6	64.0	41.0	21.4	75.9	5952

USAFETAC

FORM  
UL 64

0-87-5 POL A

## RELATIVE HUMIDITY

SEP

2025

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
SEP	09-02	100.0	100.0	100.0	99.0	96.8	88.2	73.9	52.5	31.8	79.9	720
	03-05	100.0	100.0	100.0	98.4	96.9	90.4	77.9	59.4	34.3	81.7	720
	06-08	100.0	100.0	99.9	99.0	96.9	89.4	78.9	62.2	33.3	82.2	720
	09-11	100.0	100.0	99.6	99.2	93.3	82.5	67.8	45.6	26.5	77.3	720
	12-14	100.0	100.0	100.0	98.5	86.9	72.6	52.9	33.5	16.4	72.0	720
	15-17	100.0	100.0	100.0	98.2	87.5	70.6	52.6	31.9	16.4	71.6	720
	18-20	100.0	100.0	100.0	100.0	94.7	82.6	65.1	44.0	22.4	76.3	720
	21-23	100.0	100.0	100.0	99.6	96.7	86.4	69.6	48.9	27.8	78.7	720
TOTALS		100.0	100.0	99.9	99.0	93.7	82.8	67.3	47.3	26.7	77.5	5760

CLIMATE CLIMATOLOGY DIVISION  
USAFETAC  
AIR WEATHER SERVICE/MAO

# RELATIVE HUMIDITY

STATION NAME: HANWORTH AFB, AR  
STATION NAME

77-54

PERIOD

UOT  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LAST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NUMBER OBS
		10	20	30	40	50	60	70	80	90		
1-5	100.0	100.0	100.0	100.0	99.9	98.0	91.7	81.3	62.1	33.7	22.1	744
6-10	100.0	100.0	100.0	100.0	100.0	98.8	92.6	82.3	63.3	32.9	22.4	744
11-15	100.0	100.0	100.0	100.0	99.9	98.3	93.3	82.1	66.5	36.7	23.1	744
16-20	100.0	100.0	100.0	100.0	99.9	97.4	92.9	79.3	60.8	35.2	22.2	744
21-25	100.0	100.0	100.0	100.0	99.6	95.6	87.6	74.3	56.5	31.0	20.0	744
26-30	100.0	100.0	100.0	100.0	99.9	97.3	89.1	75.9	56.2	30.8	20.3	744
31-35	100.0	100.0	100.0	100.0	99.9	97.6	91.3	80.5	62.1	34.9	22.0	744
36-40	100.0	100.0	100.0	100.0	99.6	96.3	89.8	79.8	63.4	34.0	22.1	744
TOTALS	100.0	100.0	100.0	100.0	99.5	97.7	91.0	79.4	61.4	33.7	21.8	5952

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

700700 BARREVOHN AFB AK

77-84

NOV

STATION

STATION NAME

PERIOD

MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10	20	30	40	50	60	70	80	90		
NOV	11-13	100.0	100.0	100.0	99.9	95.4	97.1	69.7	48.5	19.7	77.2	714
	14-16	100.0	100.0	99.9	99.2	95.2	86.0	71.1	48.9	21.1	77.6	714
	17-19	100.0	100.0	100.0	99.9	96.6	88.8	70.7	49.0	17.7	77.5	716
	20-22	100.0	100.0	99.9	98.5	95.1	87.2	67.7	44.0	17.4	76.5	713
	23-25	100.0	100.0	99.7	97.7	94.2	84.7	64.4	40.8	16.1	75.2	706
	26-28	100.0	100.0	100.0	98.4	94.2	83.1	66.6	42.7	17.1	75.7	703
	29-30	100.0	100.0	99.7	98.1	94.4	84.8	62.5	42.9	17.9	75.3	702
	1-23	100.0	100.0	99.6	96.9	95.1	83.9	65.1	44.1	19.4	75.9	710
TOTALS		100.0	100.0	99.9	98.5	95.2	86.0	67.2	45.1	18.3	76.4	5678

USAFETAC

FORM  
NOV 64

0-87-5-OL A



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

# RELATIVE HUMIDITY

712350  
STATION

SPARREVOHN AFS AK  
STATION NAME

76-83

PERIOD

DEC  
MONTH

## CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90%		
DEC	0-02	99.9	99.7	99.1	97.8	93.0	81.4	61.3	34.3	10.5	73.1	741
	03-05	100.0	99.9	99.2	97.3	92.3	83.4	63.0	34.4	10.3	73.2	741
	06-08	100.0	100.0	100.0	98.7	93.9	83.5	62.1	34.8	9.9	73.6	741
	09-11	100.0	99.9	99.7	98.2	93.8	83.7	61.8	34.0	10.4	73.3	741
	12-14	100.0	100.0	99.5	97.6	93.3	84.1	61.4	33.2	10.5	73.1	743
	15-17	99.9	99.9	99.2	98.3	94.9	84.2	64.2	35.9	14.9	74.4	740
	18-20	100.0	99.4	98.7	96.6	91.9	81.8	60.7	37.8	12.4	73.3	703
	21-23	100.0	99.7	98.7	97.1	93.0	80.7	57.4	36.7	11.8	72.8	714
TOTALS		100.0	99.6	99.3	97.6	93.3	82.9	61.5	35.1	11.3	73.4	5864

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## RELATIVE HUMIDITY

702350  
STATION

SPARREVOHN AFS AK

STATION NAME

76-84

PERIOD

ALL

MONTH

### CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN									MEAN RELATIVE HUMIDITY	TOTAL NO. OF OBS
		10%	20%	30%	40%	50%	60%	70%	80%	90		
JAN	ALL	100.0	99.7	99.4	98.1	92.9	80.1	57.6	30.4	11.6	72.3	5566
FEB		100.0	100.0	99.3	97.5	91.1	79.3	58.5	26.9	6.1	71.2	5268
MAR		100.0	99.9	99.5	98.3	92.3	75.3	51.7	28.8	10.8	71.1	5921
APR		100.0	100.0	99.7	97.5	89.4	72.0	48.8	30.2	11.8	70.4	5760
MAY		100.0	100.0	99.4	94.9	82.2	62.3	41.0	24.7	11.6	67.3	5952
JUN		100.0	100.0	99.2	94.2	82.8	67.7	48.0	29.3	15.1	69.3	5745
JUL		100.0	100.0	99.9	98.9	93.3	82.3	64.6	43.2	24.9	76.7	5847
AUG		100.0	100.0	99.9	99.2	94.0	81.6	64.0	41.0	21.4	75.9	5952
SEP		100.0	100.0	99.9	99.0	93.7	82.8	67.3	47.3	26.7	77.5	5760
OCT		100.0	100.0	100.0	99.8	97.7	91.0	79.4	61.4	33.7	81.8	5952
NOV		100.0	100.0	99.9	98.5	95.2	86.0	67.2	45.1	18.3	76.4	5678
DEC		100.0	99.8	99.3	97.6	93.3	82.9	61.5	35.1	11.3	73.4	5864
TOTALS		100.0	100.0	99.6	97.8	91.5	78.6	59.1	37.0	16.9	73.6	69265

U S AIR FORCE  
ENVIRONMENTAL TECHNICAL  
APPLICATIONS CENTER

PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited by service as indicated below.

NOTES: Station pressure not reported for all services until late in 1945.

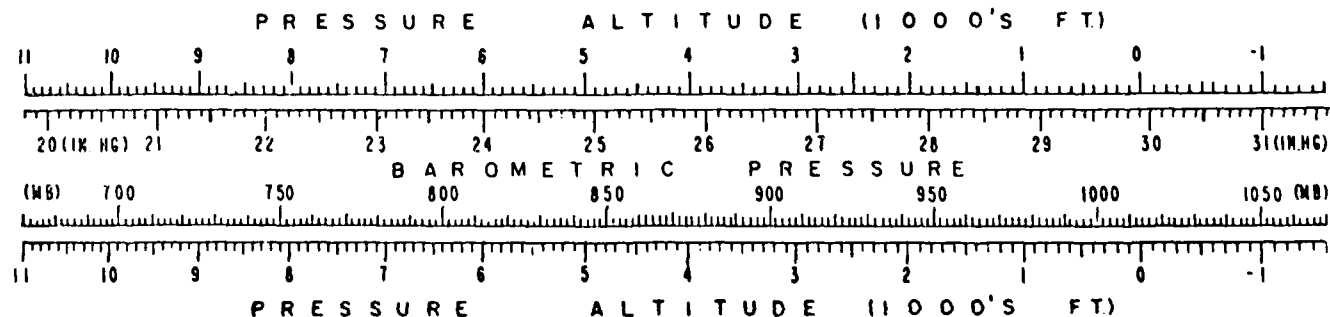
Station pressure reported only at 6-hourly times for Air Force stations from Jan 64 - Jul 65.

METAR stations do not report Sea-level pressure for the period Jan 68 - Dec 70.

1. Station pressure is presented in the table in inches of mercury.

2. Sea-level pressure is presented in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure-altitude in 1000's of feet. This scale is an enlarged model of the pressure-altitude scale in the Smithsonian Meteorological Tables.



GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

7-2350 SPARREVOHN AFS AK

76-84

STATION		STATION NAME										YEARS			
HRS (LST)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
00	MEAN	27.915	27.882	27.938	28.050	28.125	28.211	28.252	28.212	28.076	27.901	27.842	27.962	28.032	
	S D	.407	.383	.278	.289	.226	.194	.156	.202	.251	.355	.365	.456	.339	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	238	247	2914	
05	MEAN	27.909	27.873	27.934	28.047	28.124	28.209	28.251	28.209	28.069	27.893	27.838	27.956	28.027	
	S D	.406	.383	.278	.291	.227	.196	.158	.203	.254	.353	.364	.453	.339	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	238	247	2914	
09	MEAN	27.909	27.873	27.937	28.049	28.129	28.212	28.255	28.212	28.073	27.896	27.842	27.954	28.030	
	S D	.402	.384	.278	.291	.226	.196	.158	.202	.255	.351	.364	.451	.339	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	239	247	2915	
11	MEAN	27.920	27.884	27.946	28.052	28.127	28.208	28.257	28.214	28.079	27.906	27.853	27.966	28.036	
	S D	.401	.385	.277	.293	.224	.194	.156	.201	.256	.350	.368	.454	.337	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	235	247	2911	
14	MEAN	27.912	27.877	27.941	28.048	28.123	28.198	28.250	28.205	28.069	27.898	27.843	27.960	28.028	
	S D	.398	.388	.275	.293	.221	.194	.154	.200	.256	.350	.371	.453	.337	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	234	248	2911	
17	MEAN	27.908	27.876	27.932	28.039	28.112	28.188	28.243	28.195	28.060	27.893	27.839	27.960	28.023	
	S D	.410	.391	.273	.292	.223	.191	.152	.200	.256	.352	.374	.453	.336	
	TOTAL OBS	219	223	248	240	248	240	248	248	240	248	234	247	2883	
20	MEAN	27.910	27.908	27.939	28.042	28.119	28.190	28.242	28.199	28.065	27.899	27.836	27.976	28.029	
	S D	.413	.395	.272	.287	.218	.191	.156	.201	.256	.352	.377	.457	.336	
	TOTAL OBS	217	199	242	240	248	237	227	248	240	248	234	235	2815	
27	MEAN	27.908	27.881	27.940	28.046	28.135	28.208	28.258	28.207	28.071	27.900	27.840	27.970	28.032	
	S D	.406	.386	.275	.287	.219	.190	.154	.202	.258	.351	.376	.450	.338	
	TOTAL OBS	244	226	248	240	248	240	248	248	240	248	237	246	2913	
ALL HOURS	MEAN	27.911	27.881	27.938	28.047	28.124	28.203	28.251	28.207	28.070	27.898	27.842	27.963	28.030	
	S D	.405	.386	.275	.290	.222	.193	.155	.201	.255	.351	.369	.453	.338	
	TOTAL OBS	1895	1778	1978	1920	1984	1917	1963	1984	1920	1984	1889	1964	23176	

GLOBAL CLIMATOLOGY BRANCH  
USAFETAC  
AIR WEATHER SERVICE/MAC

## MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

702350

PARREVOHN AFS AK

76-84

STATION		STATION NAME												YEARS	
HRS	EST	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL	
07	MEAN	1005.2	1004.4	1005.6	1009.4	1011.5	1014.4	1015.8	1014.3	1009.7	1004.0	1002.3	1007.3	1008.7	
	S D	14.826	13.857	10.006	10.494	8.167	7.070	5.634	7.256	9.155	12.879	13.316	16.718	12.067	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	238	247	2914	
11	MEAN	1004.9	1004.2	1005.5	1009.3	1011.5	1014.3	1015.7	1014.2	1009.5	1003.8	1002.2	1007.1	1008.6	
	S D	14.725	13.845	9.992	10.564	8.228	7.132	5.702	7.300	9.261	12.825	13.291	16.598	12.074	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	238	247	2914	
14	MEAN	1004.9	1004.2	1005.7	1009.4	1011.6	1014.4	1015.9	1014.4	1009.7	1003.9	1002.3	1007.0	1008.7	
	S D	14.577	13.964	9.977	10.597	8.229	7.138	5.687	7.267	9.289	12.751	13.290	16.535	12.065	
	TOTAL OBS	243	226	248	240	248	240	248	247	240	248	239	247	2914	
17	MEAN	1005.3	1004.5	1005.9	1009.5	1011.6	1014.3	1016.0	1014.4	1009.8	1004.2	1002.7	1007.4	1008.9	
	S D	14.556	13.952	9.949	10.649	8.143	7.097	5.638	7.277	9.323	12.700	13.445	16.644	12.021	
	TOTAL OBS	243	226	248	240	248	240	248	248	240	248	235	247	2911	
21	MEAN	1005.0	1004.2	1005.7	1009.3	1011.4	1013.9	1015.7	1014.1	1009.5	1003.9	1002.3	1007.1	1008.6	
	S D	14.383	14.074	9.879	10.650	8.024	7.049	5.567	7.204	9.378	12.742	13.529	16.591	12.006	
	TOTAL OBS	243	226	248	240	240	240	248	247	240	248	234	248	2910	
27	MEAN	1005.0	1004.2	1005.4	1009.0	1011.1	1013.5	1015.4	1013.8	1009.1	1003.8	1002.2	1007.3	1008.4	
	S D	14.829	14.159	9.793	10.614	7.999	6.955	5.492	7.212	9.348	12.822	13.657	16.557	11.984	
	TOTAL OBS	219	223	248	240	248	240	248	248	240	248	234	247	2883	
ALL HOURS	MEAN	1005.1	1005.7	1005.7	1009.2	1011.3	1013.6	1015.5	1013.9	1009.4	1004.0	1002.1	1007.9	1008.7	
	S D	14.955	14.154	9.796	10.465	7.927	6.940	5.639	7.253	9.359	12.805	13.737	16.743	11.962	
	TOTAL OBS	217	199	242	240	248	237	227	248	240	248	234	235	2815	
27	MEAN	1004.9	1004.4	1005.7	1009.3	1011.9	1014.3	1016.0	1014.2	1009.6	1004.0	1002.2	1007.6	1008.7	
	S D	14.715	13.944	9.890	10.427	7.963	6.968	5.566	7.304	9.394	12.754	13.754	16.520	12.061	
	TOTAL OBS	244	226	248	240	248	240	248	248	240	248	237	246	2913	
ALL HOURS	MEAN	1005.0	1004.4	1005.7	1009.3	1011.5	1014.1	1015.7	1014.2	1009.5	1003.9	1002.3	1007.3	1008.6	
	S D	14.665	13.964	9.895	10.539	8.075	7.039	5.609	7.249	9.299	12.763	13.479	16.585	12.029	
	TOTAL OBS	1895	1778	1978	1920	1984	1917	1963	1982	1920	1984	1889	1964	23174	

END

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